

CURRICULUM VITAE OF PROF. G. O. ADEYEMI

1. Name: **ADEYEMI, Gabriel Oladapo**
2. Date of Birth/ Nationality: **Edunabon-Ife / Nigerian**
3. Date of Birth: **04 October 1954**
4. Current Address: **Department of Geology,
University of Ibadan, Ibadan, Nigeria,
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5. University Education, with Dates

- (i) University of Ife, Ile – Ife, Nigeria: 1976-1980
- (ii) University of Ife, Ile – Ife, Nigeria: 1983-1986
- (iii) Obafemi Awolowo University, Ile – Ife, Nigeria 1987-1992

6. Academic Qualifications:

- i. B.Sc. (Hons) Geology
- ii. M.Sc. Applied Geology (Engineering Geology/ Hydrogeology option)
- iii. Doctor of Philosophy Geology (Engineering Geology Option)

7. Scholarship, Fellowship and Prizes

- Head, Department of Earth Sciences, Ogun State University, Ago-Iwoye; 1997 – 2000
- i. Acting Head of Department of Geology, University of Ibadan. 2004 – 2006
 - ii. Member of Senate, University of Ibadan. 2004 – date
 - iii. Director, General Studies Programme, University of Ibadan. 2012 – 2015
 - iv. Chairman, Departmental Geotechnical Consultancy Committee 2011– 2014
that executed pre-construction investigation for many proposed
buildings on University of Ibadan Campus.
 - v. Awarded Senate Research Grant in 2010 by the University of Ibadan 2010 – 2015
 - vi. Member, Board of Governance, Pan African University,
University of Ibadan. 2020 till date

8. Honours and Distinctions:

- i. March 2013: President of Nigerian Association for Engineering Geology and the Environment
- ii. October 2017: Great Ife Alumni Association, Ibadan Branch Award of excellence presented in recognition of my outstanding performance in my chosen career.
- iii. June 2020: The Nigerian Society of Engineers, Ibadan Branch, Award of Excellence for Being the Guest Speaker at the June, 2020 Mid Meeting.
Topic: Pre-Construction Subsoil Investigation for sustainable Structures in Nigeria.
- iv. September 2021: Nigerian Association for Engineering Geology and the Environment Service Award Presented in recognition of my Dedicated Service and Commitment.

9. Membership/Fellowship of Learned Societies:

- i. Fellow, Nigerian Mining and Geosciences Society (NMGS).
- ii. Fellow, Nigerian Association for Engineering Geology and the Environment (NAEGE)
- iii. Fellow, Nigerian Association of Hydrogeologists (NAH).
- iv. Member, Science Association of Nigeria.
- v. Member, Nigerian Association of Petroleum Explorationists.
- vi. Member, Deep Foundations Institute of the United States of America
- vii. Member West African Research and Innovation Management Association (WARIMA)
- viii. Member, Building Collapse Prevention Guild
- ix. Affiliate member, American Society of Civil Engineers.
- x. Associate member, Nigerian Society of Engineers.
- xi. Registered by the Council of Mining Engineers & Geoscientists (COMEG).
- xii. Member, International Medical Geologists Association, Nigeria

10 Details of Work Experience:

(i) Present Employment:

Department of Geology, University of Ibadan, Ibadan, Nigeria	2001-date
Senior Lecturer	2001-2004
Reader	2004-2007
Professor	2007- date

(ii) Previous places of Employment with dates

Department of Earth Sciences, Ogun State, University (Now Olabisi Onabanjo University), Ago-Iwoye	1987-2000
Assistant Lecturer	1987-1990
Lecturer Grade II	1990-1992
Lecturer Grade I	1992-1996
Senior Lecturer	1996-2000
ACME DRILLERS Limited, Ogba Ikeja	1982-1983
SOL FOND Limited (Civil Engineering Consultants), Ogba, Ikeja	1981-1982
National Youth Service Corps Chemistry teacher: Rivers State School of Basic Studies, Port Harcourt	1980-1981

(11) Current Research Activities including Research Grants:

- i. Highway Engineering Geological Investigation.
- ii. Environmental Engineering Geology.
- iii. Chemical and mechanical stabilization of lateritic soils.
- iv. Environmental Petroleum Geology
- v. Evaluation of naturally occurring construction materials.

Research Grant

Impact Assessment of Lapite waste dumpsite, near Moniya, Ibadan in 2010 by the University of Ibadan. Co researchers were Prof A.I. Olayinka of Geology Department and Prof. O. A. Agbede of Civil Engineering Department, University of Ibadan

2010 – 2015

12. Postgraduate Candidates/Researchers

- i. Akinmosin, A., (2009.) Environmental Geological Baseline Characterisation of a tar-sand deposit at Igbotako area, Southwestern Nigeria. Ph.D. thesis, University of Ibadan
- ii. Osammor, J., (2009.) Geotechnical Assessment of Foundation Soils from Coastal plain sands areas in the Niger Delta. Ph.D. thesis, University of Ibadan.
- iii. Oyediran, I.A., (2010.) Geotechnical Evaluation of a site at Ajibode, Ibadan for Landfill. Ph.D. thesis, University of Ibadan.
- iv. Adebisi, N.O., (2010.) Geotechnical Investigation of Foundation Soils in the Basement Complex Terrain of Southwestern Nigeria. Ph.D. thesis, University of Ibadan.
- v. Oloruntola, M.O., (2012.) Geophysical and Hydrochemical Investigations of Abeokuta and Ikorodu Areas of Southwestern Nigeria. Ph.D. thesis, University of Ibadan.
- vi. Ariyo, S.O., (2014.) Hydrogeophysical Investigation of Groundwater Potentials of Ishara/Ode-Remo Geological Transition Zone, Southwestern Nigeria. Ph.D. thesis, University of Ibadan.
- vii. Akintola, O.O, (2014.) Geotechnical and Hydrogeological Assessment of Lapite Waste Dumpsite in Ibadan, Southwestern Nigeria. Ph.D. thesis, University of Ibadan.
- viii. Oyedeji, O.A., (2015.) Evaluation of Shales around Dange, Northwestern Nigeria as Raw Material for Drilling Mud. Ph.D. thesis, University of Ibadan.
- ix. Owoyemi, O.O., (2017.) Highway Geotechnical Characterization of Two Residual Lateritic Soils from Ilorin-Mokwa Highway, Northcentral Nigeria. Ph.D. thesis, University of Ibadan.
- x. Akinlabi, I.A, (2018.) Integration of Geophysical and Geotechnical Techniques in Foundation Investigation for a Dam across River Shasha in Edunabon, Southwestern Nigeria. Ph.D. thesis, University of Ibadan.
- xi. Komolafe, N.P., (2019.) Geological Evaluation of a Site for Sanitary Landfill in Asaba, Southwestern Nigeria. Ph.D. thesis, University of Ibadan.
- xii. Shodeko, E.O., (2019.) Highway Geotechnical Properties of Four Lateritic Soils from Southwestern Nigeria. Ph.D. thesis, University of Ibadan.

- xiii. Jean De Dieu Ndikumana (2020). Geological and Geochemical studies of pegmatite in relation to Niobium-Tantalum and tin mineralization in Gitarama-Gatumba and Musha-Ntungwa Areas, Rwanda. Pan African University Ph.D. thesis co-supervised with Dr A.T. Bolarinwa of the same Department.

M.Phil. DISSERTATIONS

- i. Ariyo, S.O., (2005.) Geoelectrical characterization and geochemical study of groundwater in the Basement Complex/Sedimentary transition zone around Ishara southwestern, Nigeria. M.Phil. dissertation, University of Ibadan.
- ii. Akinlabi, I.A., (2011.) Geophysical and Geotechnical Investigations of a Proposed Dam Site across River Ewawa, Okada area, Edo State, Nigeria. M.Phil. dissertation, University of Ibadan.

Some recent M.Sc Projects

- i Oladele, I. F (2018). Quality of water samples from some swallow wells in Oyo Atiba.
- ii. Akinyemi, A. B. (2018). Geotechnical evaluation of a location in Ade Alesu, Oyo, Southwestern Nigeria as a Landfill.
- iii. Olawumi, A. J. (2019). Permeability characteristics of two residual lateritic soils from Southwestern Nigeria.
- iv. Mbah, S. I. (2019). Mechanical Stabilization of Sandstone derived lateritic soil from Ijebu-Ode.
- v. Adesope, O. A. (2019). Mechanical Stabilization of a residual lateritic soil with termite reworked soil from Jobele Area, Southwestern Nigeria.
- vi. Adeyeri, B. A. (2019) Chemo-mechanical stabilization of lateritic soils derived from – two different rocks in Ibadan, Southwestern Nigeria.
- vii. Kazeem, A. O. (2019). Chemo-mechanical stabilization of two lateritic soils from Lagos-Ibadan Expressway, Southwestern Nigeria.
- viii. Lawal, J. O. (2021). Variability in some engineering properties of some termites reworked soil samples from Aisegba Ekiti, Ado-Ekiti/ Ikare road, Southwestern Nigeria.
- ix. Ogundipe, G. E. (2021). Chemo-mechanical stabilization of two lateritic soils from two locations along the Lagos/ Ibadan Expressway, Southwestern Nigeria.
- x. Ogunsanya, O. M. (2021). Mineralogical, geochemical and geotechnical assessments of clay deposit at Ikere-Ekiti, Southwestern Nigeria. Pan African University.

13. PUBLICATIONS

(i) Books and/ or articles in books:

1. Adeyemi, G.O. (2013). Engineering Geology: The Big Heart for Structures and the Environment. Professorial Inaugural Lecture series, University of Ibadan, Ibadan

Articles in Books:

2. Ojo, J.S. and **Adeyemi, G. O. (2003)**. Opportunities for ventures in construction materials. In prospects for Investments in mineral resources of Southwestern Nigeria. *Edited by A. A. Elueze. Nigerian Mining and Geosciences Society pp. 47 - 54.*
3. **Adeyemi, G. O., (2012)**. Geology, Agriculture and Forestry. *Agricultural Development in Nigeria Essays: in Honour of Late Prof.S.Fola Adedoyin Edited by Oludimu, Olufemi Ladipo December.*

(ii) Published Papers in Learned Journals:

1. **Adeyemi, G. O.** Ojo, A. A. and Omidiran, M. O. (1990). Relationship between some Index Properties and Crushing Strengths of three southwestern Nigerian Lateritic clay deposits, *Nigerian Journal of Technological Research*. Vol. No.2, 111 – 118.
2. **Adeyemi, G.O. (1991)**. Lineament Nature and Groundwater Accumulation in the Basement Complex of Southwestern Nigeria. *Nigerian Journal of Science*. Vol. 25, No., 111 - 118.
3. **Adeyemi, G.O. (1994)**. Clay mineralogy, major elements geochemistry and strength characteristics of three highway subgrade soils in southwestern Nigeria. *Bulletin of the International Association of Engineering Geology*. No. 50, 5 - 8.
4. **Adeyemi, G.O. (1995)**. The influence of parent rock factor on some engineering index properties of three residual lateritic soils in southwestern Nigeria *Bulletin of the International Association of Engineering Geology*. No. 52, 3 - 8.
5. **Adeyemi, G.O.** and Akinseli, C.O. (1995). Influence of texture of parent rock on some Engineering index properties of some lateritic soils on the Basement Complex rocks in Southwestern Nigeria. *Nigerian Journal of Science*. Vol. 29, 2078 - 212.
6. **Adeyemi, G.O.,** Ojo, A.A., Omidiran, M.O. and Akanbi, M.O. (1997). An Engineering Geological evaluation of some Southwestern Nigerian lateritic clay deposits for bricks. *Nigerian Journal of Science*. Vol. 31, 89 – 99.
7. **Adeyemi, G.O.,** and Adefabi, A.A., and Abimbola, A.A. (1999). The Influence of Parent Rocks on Some Engineering Properties of Two Laterite Soils in Southwestern Nigeria. *Nigeria Journal of Science* .Volume 33 93-101.
8. **Adeyemi, G.O.** and Abolurin, S.B. (2000). Strength characteristics of a chemically stabilized lateritic soil from kilometer 4, Ile-Ife/Sekona Road, Southwestern Nigeria. *Journal of Mining and Geology*. Vol. 36, No 1, 113 - 119.

9. **Adeyemi, G.O.** and Oyeyemi, F. (2000). Geotechnical basis for failure of sections of the Lagos – Ibadan Expressway, Southwestern Nigeria. *Bulletin of Engineering Geology and the Environment*. Vol. 59, 39 - 45. Vol. 2, No. 1, 11 - 18.
10. **Adeyemi, G.O.**, Ojo, O.O. and Patrick, O.J. (2000). Strength characteristics of a lime – stabilized lateritic soil from Ile-Ife, Southwestern Nigeria. *Journal of Applied Science and Education*. Vol. 2, No. 1, 11 - 18.
11. **Adeyemi, G.O.** and Osammor, J. (2001). In-situ geotechnical investigation of some soils in Southern Nigeria. *Journal of Mining and Geology*. Vol. 37, No. 1, 69 - 76.
12. **Adeyemi, G.O.** (2002). Geotechnical properties of lateritic soils developed over Quartz-Schist in Ishara area, Southwestern Nigeria. *Journal of Mining and Geology*. Vol. 38, No. 1, 65 - 69.
13. **Adeyemi, G.O.**, Olarewaju, V.O., Akintunde, C.B. and Mesida, O.T. (2003). Mineralogical and geotechnical characteristics of some subgrade soils in a section of the Ibadan/Ile-Ife Expressway, southwestern Nigeria. *Journal of Applied Sciences*. Vol. 6, No. 2, 3536 - 3547.
14. **Adeyemi, G.O.**, Adesile, A.O. and Obayomi, O. B. (2003). Chemical characteristics of some well waters in Ikire, Southwestern Nigeria. *Water resources: Journal of Nigerian Association of Hydrogeologists*. Vol. 14, 12 - 18.
15. **Adeyemi, G.O.**, Owosanya, R.A. and Anokwu, F.C. (2003). Some geotechnical properties of a cement – stabilized granite-gneiss-derived lateritic soil from Ile-Ife, Southwestern Nigeria. *Journal of Applied Science and Technology*. Faculty of Technology, University of Ibadan, Ibadan, Nigeria. Vol. 3, No. 2, 8 - 12.
16. Adewoye, O. A. and **Adeyemi, G.O.** (2004). Geotechnical properties of soils along the Lagos – Ibadan Expressway, Nigeria. *USEP: Journal of Research Information in Civil Engineering (RICE)*, Department of Civil Engineering, University of Ilorin, Kwara State, Nigeria. Vol. 1 No. 1, 1 - 10.
17. **Adeyemi, G.O.** and Salami, R. (2004). Some geotechnical properties of two termite-reworked lateritic soils from Ago-Iwoye, Southwestern Nigeria, *Mineral Wealth: The quarterly publication of the Scientific Society of the Mineral Wealth Technologists, Athens*. Vol. 133, 35 – 41.
18. Ariyo, S.O. and **Adeyemi, G. O.** (2004). Geophysical Survey of groundwater potentials in Iware area of Southwestern Nigeria. *Bulletin of Science Association of Nigeria* 25: 9-16.
19. Odukoya, A.M., **Adeyemi, G.O.** and Jimoh, A.S. (2004). Aspects of the Environmental Impact Assessment of Limestone quarry site, Sagamu, Southwestern Nigeria. *Nigerian Journal of Science*. Vol. 38, 81 - 92.
20. **Adeyemi, G.O.** and Oyediran, I.A. (2005). Engineering geological evaluation of a proposed landfill site at Aba-kulodi, Near Ibadan, Southwestern Nigeria. *Global Journal of Geological Sciences*. Vol. 3, No. 1, 25 - 33.
21. Oloruntola, M.O., **Adeyemi, G.O.**, Adebisi, N.O. and Oduneye, O.C. (2005). Geotechnical properties of cement stabilized soils developed over pegmatite, banded gneiss and

- porphyroblastic gneiss from Ago-Iwoye, Southwestern Nigeria. *Mineral Wealth: The quarterly publication of the Scientific Society of the Mineral Wealth Technologists, Athens*. Vol. 135, 25 - 30.
22. Ariyo, S.O., **Adeyemi, G.O.** and Ikhane, P.R. (2007). Use of geoelectric sounding for groundwater exploration around Ijebu-Igbo, Southwestern Nigeria. *Journal of Applied Sciences*. Vol. 67. 575 - 584.
 23. **Adeyemi, G.O.** and Wahab K.A. (2008). Variability in the geotechnical properties of a lateritic soil from southwestern Nigeria. *Bulletin of Engineering Geology and the Environment*. 67: 579-584 Published by Springer.
 24. Oloruntola, M.O. **Adeyemi, G.O.** and Oduneye, O. C. (2008). Comparative study of the influence of cement and lime stabilization on geotechnical properties of lateritic soil derived from pegmatite in Ago-Iwoye, Southwestern Nigeria. *Journal of Mining and Geology*. Vol. 44, No. 1, 95 - 105.
 25. Oyediran, I.A. **Adeyemi, G.O.** and Oguntunwase, E.O. (2008). Influence of Termite activities on the geotechnical properties of some lateritic soils in parts of Akungba Akoko, Southwestern Nigeria. *Mineral Wealth*, No. 148, 17 - 24.
 26. Akinmosin, A., **Adeyemi G.O.** and K.O. Omosanya, 2008. Trace Element geochemistry of tar sand deposits in Idiobilayo/Idiopopo area of Southwestern Nigeria. *African Journal of Pure and Applied Sciences*. Vol.2 (1&11), pp. 33-39.
 27. Ariyo, S.O., **Adeyemi, G.O.** and Oyebamiji, A.O. (2009). Electromagnetic VLF Survey for groundwater Development in a contact terrain, a case study of Ishara-Remo, Southwestern Nigeria. *Journal of Applied Sciences Research*. Vol. 5, No. 9, 1239 - 1246.
 28. Adekola, S.A. and **Adeyemi, G.O.** (2009). Subsoil geotechnical investigation of a hypothetical proposed site at Ajibode, Ibadan Southwestern Nigeria. *African Journal of Science and Technology (AJST)*, Science and Engineering series. Vol. 10, No. 2, 42 - 59.
 29. Ariyo, S.O. and **Adeyemi, G.O.** (2010): Groundwater Quality. A case study from Ishara Geological transition zone, Southwestern Nigeria. *Mineral Wealth* Vol. 154, p 1 - 12.
 30. Idowu, S.O., **Adeyemi, G.O.** and Dada, S.S. (2010): Engineering Geological Evaluation of Lateritic soils from two contrasting terrains in Southwestern Nigeria. *International Journal of Environmental Science* Vol. 1, p 37 - 42.
 31. Adebisi, N. and **Adeyemi, G.O.** (2010). Compressive strength properties of Gneisses in Southwestern Nigeria. *Mineral Wealth*. Vol. 156, 43 - 50.
 32. Ariyo, S.O. and **Adeyemi, G.O.** (2011). Integrated Geophysical approach for groundwater Exploration in Hard rock Terrain. A case study from Akaka area of Southwestern Nigeria. *International Journal of Advanced Scientific and Technical Research*. Issue 1 Vol. 2 p 376-395.
 33. Oyediran, I.A. and **Adeyemi G.O.** (2011). Geotechnical investigations of a site in Ajibode, Southwestern Nigeria for Landfill. *Ozean Journal of Applied Sciences*, Vol. 4, No. 3, 265 - 279.

34. Oyediran, I.A. and **Adeyemi, G.O.** (2011). Use of Geophysical methods in landfill site investigation: A case study of Ibadan, Southwestern Nigeria. *New York Science Journal*, Vol. 4. No. 1 - 10.
35. Adebisi, N.O. and **Adeyemi, G.O.** (2012). Assessment of Compressibility Characteristics of residual laterised soils in Southwestern Nigeria, *Science Focus*, 17 (2), p. 198 - 208.
36. Ariyo, S.O. and **Adeyemi, G.O.** (2012). Geoelectrical Characterization of Aquifers in the Basement Complex/Sedimentary transition zone, Southwestern Nigeria. *International Journal of Advanced Scientific Research and Technology*. Issue 2 Vol. 1, p 43 - 54.
37. Owoeye, O.O. and **Adeyemi, G.O.** (2012). Highway geotechnical properties of lateritic soils from the sedimentary terrain of the Lagos-Ibadan Highway. *International Journal of Science and Engineering* Vol. 3, Issue 12.
38. Owoseni, J.O., **Adeyemi, G.O.**, Asiwaju-Bello, Y.A., and Anifowose, A. Y. B. (2012). Engineering Geological Assessment of some Lateritic Soils in Ibadan, South-Western Nigeria using Bivariate and Regression Analyses. *African Journal of Science and Technology (AJST) Science and Engineering Series* Vol. 12, No.1, pp.59-71.
39. Oyediran, I.A. and **Adeyemi, G.O.** (2012). Geochemical Assessment of a Proposed Landfill in Ibadan, Southwestern Nigeria. *Pacific Journal of Science and Technology*, Vol. 13, No 1, 640-651.
40. **Adeyemi, G.O.**, Ajai, M.B. and Adedeji, O.A. (2012). Geotechnical properties of some crystalline Basement Complex Rocks from Southwestern Nigeria. *Journal of Science Research*. Vol. II (1): 112 - 118.
41. Ariyo, S.O. and **Adeyemi, G.O.** (2013). Significance of geology and geophysical investigations in groundwater prospecting: a case study from hard rock terrain of Southwestern Nigeria. *Journal of Environmental Science and Water Resources*. Vol. 2 (10) pp354 - 359.
42. **Adeyemi, G.O.**, Akinmosin A., Aladesanmi, A.O. and Badmus, O.G. (2013). Geophysical and sedimentological characterization of a tar sand rich area in Southwestern Nigeria. *Journal of Environment and Earth Science*. Vol. 3, No 14 pp 71 - 83
43. Adebisi, N.O., **Adeyemi, G.O.**, Oluwafemi, O.S. and Songca, S.P. (2013). Important properties of clay content of lateritic soils for engineering projects. *Journal of Geography and Geology*. Vol. 5, No. 2, pp 99 - 115.
44. **Adeyemi, G.O.** and Afolagboye, L.O. (2013). Mechanical Stabilization of Migmatite Gneiss derived lateritic soil from south-western Nigeria *Electronic Journal of Geotechnical Engineering* Vol. 18, pp. 1847 - 1858.
45. **Adeyemi, G.O.**, Afolagboye, L.O. and Bolaji, C.A. (2013). Chemical stabilization of Quartz Schist derived soil from Erijiyan Ekiti, Southwestern Nigeria. *Australian Journal of Basic and Applied Sciences* Vol. 7 (2), pp. 63 - 69.
46. Akinlabi, I.A., and **Adeyemi, G.O.** (2014). Determination of Empirical relationship between geological and geotechnical parameters at the site of a proposed Earthdam. *Ife Journal of Science*, Vol. 16(3), pp. 437 - 445.

47. **Adeyemi, G.O.**, Afolagboye, L.O. and Ezenwafor, C.O. (2014). Engineering Geological Evaluation of some soils in Ozubulu, near Onitsha, South-East Nigeria for use as Liners in Waste Disposal Landfill, *Journal of Mining and Geology*, Vol. 50 (2), pp. 109 - 118.
48. Eze, E.O., **Adeyemi G.O.**, and Fasanmade P.A. (2014). Variability in some Geotechnical properties of three Lateritic sub-base soils along Ibadan-Oyo Road. *Journal of Applied Geology and Geophysics: Volume 2, Issue 5*, PP 76-81.
49. Omitogun, A.A., Banjo, I.O. and **Adeyemi, G.O.** (2014). Geological Appraisal of the Kaolinitic Clay at Odo-Lewu, Ijebu-Ode-Epe Road, Southwestern Nigeria. *Journal of Mining and Geology*, Vol. 50(2) pp. 147 - 158.
50. **Adeyemi, G.O.**, and Dairo, V.A. (2015). Subsurface Models of a Bitumen-rich Area near Ode-Irele, Southwestern Nigeria. *Journal of Applied Geology and Geophysics*, Vol. 3, Issue 4, 1 - 7.
51. Fasanmade, P.A., **Adeyemi G.O.**, and Eze E.O. (2015). California Bearing ratio (CBR) of Mechanically Stabilized Soils: Ibadan- Oyo Road, Highway, Southwestern Nigeria. *Journal of Science, Technology, Innovation and Development*, Issue 05, pp 32-37 ISSN (e) 2250-3021.
52. Fasanmade, P.A., **Adeyemi, G.O.**, and Okovido J.O. (2015). Influence of Soaking on the California Bearing Ratio of Lateritic Soil: Ibadan-Oyo Road, Southwestern Nigeria. *International Organization of Scientific Research Journal of Engineering*. South Africa No AJSTID 1023638. February, 2015. Volume 05, May 2015 VI pp 32-37 ISSN (e) 2250-3021.
53. Akinmosin, A and **Adeyemi G.O.** (2015) Geotechnical Properties of Some Soils in a Tar Sand Area of Southwestern Nigeria *Forum Geografic* 14 (2), 112, 2015.
54. Ajisafe, Y.C., **Adeyemi, G.O.**, Afolagboye, L.O., and Talabi, A.O. (2016). Quantitative and qualitative evaluations of residual clay deposit along Ikere-Igbara Odo road, Ikere Ekiti, Southwestern Nigeria, *International Journal of Scientific and Engineering Research*, volume 7, Issue 8, pp. 388 - 394.
55. Owoyemi O.O., and **Adeyemi G.O.** (2017). Variability in the Highway Geotechnical Properties of two Residual Lateritic soils from Central. Nigeria. *J Geol. Geophysics* 6:290. Do1:10.4172/2381-8719.1000290.
56. Oluokun, G.O., Agbede O.A., **Adeyemi, G.O.**, Abidoye, N.A. and Akanbi, O.T. (2017). Assessment of the effect of leachate on groundwater quality around Lapite Dumpsite in Ibadan, Southwestern Nigeria, *Journal of Multidisciplinary Engineering Science Studies (JMESS)*, Vol.3, Issue 8, pp.1937-1942.
57. Oluokun, G.O., Agbede, O.A., **Adeyemi, G.O.**, Akeredolu, R.J., and Akinniyi, B.D, (2017). Impact of Leachate on Permeability Characteristic of Soil around Lapite Dumpsite in Ibadan, Southwestern Nigeria. *International Journal of Research in Engineering and Applied Sciences (IJREAS)*, Vol.7, Issue 4, pp.1-10.

58. Adeoye, A.S, **Adeyemi, G.O.** and Alo, B.A. (2018). Mechanical Stabilization of a Migmatite- Gneiss Derived Lateritic Soil from Ibadan, Southwestern Nigeria: International Journal of Engineering and Advanced Technology (IJEAT) ISSN:2249- 8958, Volume-7 Issue-4,PP 61-69 (India) Published in India.
59. Ariyo, S.O. **Adeyemi G.O.** and Akintola, O.O. (2018). On the Dar-Zarouk parameter and aquifer hydraulic Conductivity Determination. A case study of Ishara/Ode-Remo Geological Transition Zone; Southwestern Nigeria, Fulafia Journal of Science and Technology.Vol.4.No 1,PP 86-91.
60. Ndikumana, J., Bolarinwa, A.T. and **Adeyemi, G.O.**, (2019). Li, Cs, Ta and Rb enrichment in Metasedimentary intrusive body: A marker of rare metal potential mineralization of pegmatites in origin, Musha-Ntumga area, Eastern Province, Rwanda. Int. Res. Earth Sci. Vol. 7(1), 1-12.
61. Ndikumana, J., Bolarinwa, A.T. and **Adeyemi, G.O.**, (2019). Neoproterozoic Rare Element Pegmatites from Gitarama-Gatumba Areas, Rwanda. Understanding their Nb-Ta and Sn Mineralisation. Open Journal of Geology, 9(13), pp. 1069-1083.
62. Ndikumana, J., Bolarinwa, A.T. and **Adeyemi, G.O.**, Olajide-Kayode, J., Nambaje, C,m (2020). Geochemistry of feldspar and muscovite from pegmatite of the Gatumba area, Karagwe Ankole Belt: Implications for Nb - Ta - Sn mineralisation and associated alterations. SN Applied Sciences, 2(9), pp. 1-12.
63. Oyedeji O.A. and **Adeyemi G.O.** (2019). Evaluation of shale around Dange, Northwestern Nigeria as raw material for drilling mud. Earth Sciences Research 8(1) pp. 19-25.
64. Akinlabi, I.A. and **Adeyemi, G.O.** (2020). Geoelectrical Characterization for siting an Earth Dam in a Basement Complex Terrain. Journal of Life and Physical Sciences, acts SATECH 12(2), pp 46-59.
65. Akintola, O.O., **Adeyemi G.O.**, Bodede, A.I. Adekoya O. and Babatunde, K.O. (2021). Assessment of Groundwater around Lapite Dumpsite for Irrigation Water Quality in Ibadan, Nigeria. Journal of Bioresource Management 8(2).
66. Ariyo, S.O., Ajibade O.M., Coker J.O., **Adeyemi, G.O.** Oshagale, B. and Odugbesan, O.O. (2021). Hydrogeophysical characterization of Aquifer for Groundwater Potential Evaluation at Ogbere, Southwestern, Nigeria. Journal of Mining and Geology vol. 57(1), pp. 33-40.
67. Akinlabi I.A. and **Adeyemi G.O.** (2021). Correlation between Electrical Resistivity and Cone Penetrometer Test Data for Geotechnical Site Investigation. LAUTECH Journal of Civil and Environmental Studies, Volume 7, Issue 1, p . 158-168. DOL: 10.36108/Laujoces/122.70.0151

Refereed Conference Proceedings

68. Olayinka, A.I. Oladunjoye, M.A. and **Adeyemi, G.O.** (2007). Integrated Geophysical Investigation to determine causes of structural failures at a factory site in Benin City, Nigeria. EAGE 69th Conference Exhibition, London, U.K.
69. **Adeyemi G.O.**, (2018). Engineering Geophysics: A Veritable Tool in Geotechnical Investigation Proceedings of the 1st and 2nd International Conference, Nigerian Association for Engineering Geology and the Environment Volume 1, pp. 8-13
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- (iii) **Patents/ country of patenting (if any): Nil**

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