

CURRICULUM VITAE

1. **Name in Full:** Eberemu, Oshioname Adrian
2. **P. No.:** 19740
3. **Department:** Civil Engineering
4. **Date and Place of Birth:** December 27th 1973, Kano, Kano State.
5. **State of Origin:** Edo State
6. **L.G.A.:** Akoko Edo
7. **Nationality:** Nigerian
8. **Marital Status:** Married
9. **Gender:** Male
10. **Internal Language Spoken** English, Hausa, Ibo
11. **Current Contact Address:** Dept of Civil Engr. Ahmadu Bello University Zaria.
12. **Permanent Home Address:** No. 3 Ipeda Quarters Opposite Grammer School Ojirami-Petesi, Akoko Edo L.G.A. Edo State.
13. **Date of First Appointment with the University:** August 1st 2009
14. **Date of last Promotion:** October 1st 2018
15. **Date of Confirmation:** December 6th 2012
16. **Present Rank & Salary:** Reader / CONUASS 6/6
17. **Telephone number (GSM)/Email:** 08035447149/ aeberemu@yahoo.com aeberemu@abu.edu.ng
18. **Qualifications, Educational Institution from where obtained and Dates:**
 - i. SSCE Certificate Delta Steel Technical High School Ovwian- Aladja Warri. 1990
 - ii. B.Eng. Civil Engineering Federal University of Technology Owerri (FUTO) Nigeria 1997
 - iii. MSc. Civil Engineering (Specialization Geotechnics) Ahmadu Bello University (A.B.U.) Zaria Nigeria 2003
 - iv. Ph.D. Civil Engineering. Specialization Geotechnics) Ahmadu Bello University (A.B.U.) Zaria Nigeria 2008

19. ADDITIONAL EDUCATION/QUALIFICATIONS WITH ADDRESS AND DATES

- i. International Training Workshop on Modern Geophysical Techniques and Data Processing at Advanced Geophysical Research Laboratories, Dept of Physics Ahmadu Bello University (ABU) Zaria, Nigeria. 5th – 10th June 2006.
- ii. 1st West African International Workshop on landslides and other natural disasters, Nsukka 2010. March 22nd – 26th 2010. University of Nigeria Nsukka.
- iii. Massachusetts Institute of Technology Abdul Latif Jameel World Education Lab J-Wel Higher Education. Curriculum and Course Design Workshop 2019. Massachusetts Institute of Technology June 10th – 21st 2019. Massachusetts Institute of Technology USA.

20. WORKING EXPERIENCE WITH DATES:

- i. Texaco Overseas Pet. Company Unlimited (TOPCON) – April 1993 – Jan. 1994 (Civil Engr Trainee)
- ii. G. Cappa Nig. Ltd. Warri. - Sept – Dec. 1995 (Civil Engineer Trainee)
- iii. Delta Steel Company Owvian Aladja Warri - April – Sept 1996 (Civil Engr. Trainee)
- iv. Doguwa L.G.A. Works Department Kano State - 1998 – 1999 (NYSC)
- v. Baze Ltd. (Project Engineers) - 1999 – 2000 (Project Engineer)
- vi. Mecks and Donwell (Project Managers) - 2003 (Project Engineer)
- vii. Jeftoni Nigeria Ltd. (Foundation Engineers) - 2004 – 2006 (Geotechnical Engineer)
- viii. Ahmadu Bello University Zaria - 2005 – 2006 (Research Assistant)
- ix. University of Agriculture Makurdi, Benue State - 2006 – 2009 (Lecturer II – Lecturer I)
- x. Ahmadu Bello University Zaria - 2009 – 2012 (Lecturer I)
- xi. Ahmadu Bello University Zaria - 2012 – 2015 (Senior Lecturer)
- xii. Ahmadu Bello University Zaria - 2015 – 2018 (Reader)
- xiii. Ahmadu Bello University Zaria - 2018 –Date (Professor Awaiting External Assessment)

21. TEACHING EXPEREICES WITH DATES

- i. Lecturing - (2006 – 2009) University of Agriculture Makurdi, Benue State.

- ii. Lecturing - (2009 – Date) Ahmadu Bello University Zaria, Kaduna State.
- iii. Visiting Lecturer - (2010 – 2017) Kano State University of Science and Technology Wudil, Kano State.
- iv. Visiting Lecturer - (2012 – 2018) University of Maiduguri. Borno State
- v. Visiting Lecturer - (2015 - 2016) Modibo Adama University Yola (Federal University of Technology Yola)
- vi. Sabatical Appointment - (2016) Kano State University of Science and Technology Wudil, Kano State.

a. Undergraduate Teaching

University of Agriculture, Makurdi

- i. ECE 301, Soil Mechanics I, 2006 – 2009
- ii. ECE 413, Soil Mechanics II, 2006 – 2009
- iii. ECE 302, Civil Engineering Materials, 2007 – 2009

Ahmadu Bello University Zaria

- iv. CVEN 321, Soil Mechanics I, 2010- 2017.
- v. CVEN 523, Advanced Foundation Engr. 2010 – Date.
- vi. MEEN 204, Strength of Materials 2014 - Date
- vii. CVEN 421, Geotechnical Design of Foundation. 2018 – Date.
- viii. CVEN 518, Construction Management 2017 - 2018

Kano State University of Science and Technology Wudil

- ix. CIV3304, Soil Mechanics I, 2010 – 2014.
- x. CIV 3301, Principles of Construction, 2010.
- xi. CIV 3302, Civil Engineering Materials, 2011 – 2014
- xii. CIV 4203, Soil Mechanics II, 2011.
- xiii. CIV 3402, Engineering Survey I, 2012 - 2017
- xiv. CIV 5303, Rock Mechanics, 2012 – 2014
- xv. CIV 3305, Engineering Geology 2015 - 2017.
- xvi. CIV 3408, Civil Engineering Drawings. 2017.

University of Maiduguri

- xii CE 509, Geotechnical Engineering. 2012 – 2018
- xiii CE 510 Foundation Engineering. 2012 – 2018

Modibo Adama University Yola (Federal University of Technology Yola)

- xiv CE 403, Soil Mechanics II. 2015 – 2016.
- xv CE 501, Foundation Engineering I. 2015 – 2016.
- xvi CE 523, Geotechnical Engineering I. 2015 – 2016.
- xvii CE 504, Foundation Engineering II. 2015 – 2016.
- xviii CE 524, Geotechnical Engineering II. 2015 – 2016.
- xix CE 304, Soil Mechanics 1. 2015 – 2016.

b. Undergraduate Project supervision

University of Agriculture, Makurdi

- i. Effect of pretest temperature on index properties of some lateritic soils. By Atsenga Aondofa Emmanuel. UE/5463/03. B.Eng. University of Agric. Makurdi. (Graduated)
- ii. Effect of temperature on shear strength parameters of some lateritic soils - 2007
- iii. Consolidation properties of soils within the Federal University of Agriculture Makurdi by Ekere, Michael. Abutu. UE/6794/04. B.Eng. University of Agric. Makurdi. (Graduated)
- iv. Geotechnical Mapping of Shear Strength Parameter of soils within University of Agriculture Makurdi. By Alheri, Dominic. Joseph. RE/6783/04. B.Eng. University of Agriculture Makurdi. (Graduated)
- v. Geotechnical Mapping of California Bearing Ratio (CBR) of Soils within University of Agriculture Makurdi. By Akor, Cyril. A. RE/6781/04. B.Eng. University of Agriculture Makurdi. (Graduated)
- vi. Compaction and Hydraulic properties of soils within the University of Agriculture Makurdi. By Nnmadi, J. O. RE/6755/04. B.Eng. University of Agriculture Makurdi. (Graduated)
- vii. Geotechnical Mapping of Index and Chemical Properties of soils within Federal University of Agriculture Makurdi. By Antyo, Theophilus. T. RE/6787/04. B.Eng. University of Agriculture Makurdi. (Graduated)
- viii. Effect of desiccation on compacted tropical clay treated with rice husk ash. By Sule, J. DE/8892/06
- ix. Compatibility of compacted tropical clay treated with rice husk ash and municipal solid waste leachate. Azaagee, J. S. RE/7764/05. B.Eng. University of Agriculture Makurdi. (Graduated)
- x. The Effects of rice husk ash on the shear strength properties of compacted tropical clay. By Mbaave, I. RE/7779/05. B.Eng. University of Agriculture Makurdi. (Graduated)
- xi. The stabilization potential of tropical clay soil using rice husk ash. By Udu. D. D. RE/7797/05., B.Eng. University of Agriculture Makurdi. (Graduated)

Ahmadu Bello University Zaria.

- xii. Consolidation properties of compacted lateritic soil treated with rice husk ash. Oveh J. A. U05/CV1068. , B.Eng. Ahmadu Bello University, Zaria. (Graduated)
- xiii. Consolidation properties of compacted lateritic soil treated with bagasse ash. By Michael, B. G. U05/CV1024. B.Eng. Ahmadu Bello University, Zaria. (Graduated)
- xiv. Consolidation properties of compacted black cotton soil treated with rice husk ash. Haruna. S. U06/CV1010. B.Eng. Ahmadu Bello University, Zaria. (Graduated)
- xv. Consolidation properties of compacted black cotton soil treated with bagasse ash. Isah. Garba. U06/CV1034. Ahmadu Bello University, Zaria. (Graduated)
- xvi. Effect of tannery effluent and contamination curing period on the geotechnical properties of lateritic soil. By Kolawole, I. B. U06CV1017. B.Eng. Ahmadu Bello University, Zaria. (Graduated)
- xvii. The use of lime in the stabilization and solidification of lateritic soil contaminated with tannery effluent. Victor U. O. U06CV1023. B.Eng. Ahmadu Bello University, Zaria. (Graduated)
- xviii. The geotechnical properties of black cotton soil treated with glass cullet (Crushed glass). Lawal. M. U07CV2001. B.Eng. Ahmadu Bello University, Zaria. (Graduated)
- xix. The geotechnical properties of lateritic soil treated with glass cullet (Crushed glass). Gbolokun. A. O. U07CV2003. B.Eng. Ahmadu Bello University, Zaria. (Graduated)

- xx. The use of rice husk ash (RHA) in stabilization and solidification of a lateritic soil contaminated with tannery effluent. Tukka, D. D. U07CV1054. B.Eng. Ahmadu Bello University, Zaria. (Graduated)
- xxi. Beneficial re-use of dredge waste spoil along Lot 4 (Lower River Niger Dredging Project: from Jamata to Idah, 108 km. Musa, Ibrahim Bature. U05CV1030. (Graduated).
- xxii. Stabilization and solidification of lead contaminated soil from Zamfara State using rice husk ash. Abdulkadir, Kabir. A. (U07CV1022). (Graduated).
- xxiii. Stabilization and Solidification of lead contaminated soil from Zamfara State treated with lime. (U07CV1096). (Graduated).
- xxiv. Stabilization and solidification of lead contaminated soil from Zamfara State using bagasse Ash. Suberu, Abdurashed. I. (U07CV1111). (Graduated).
- xxv. Effect of compactive effort on consolidation properties of rice husk ash treated black cotton soil. Abdulhamid Zubairu (U07CV1074). (Graduated).
- xxvi. Effect of compactive effort on consolidation properties of rice husk ash treated lateritic soil. Mustapha Aliyu. (U08CV1068). (Graduated).
- xxvii. Effect of compaction efforts on the consolidation characteristics of bagasse ash treated lateritic soil. Ocheme, Emmanuel. E. (U08CV1059). (Graduated)
- xxviii. The effect of compactive effort on consolidation properties of bagasse ash treated black cotton soil. Suleiman Ahiwa (U09CV2016) (Graduated).
- xxix. The effect of curing period on compressibility characteristics of rice husk ash treated lateritic soil. Abdullahi Abdu-Aguye. (U08CV1062). (Graduated).
- xxx. Effect of curing on the consolidation properties of rice husk ash treated black cotton soil. Omajali, Deborah Ihotu. (U07CV1068). (Graduated).
- xxxi. Effect of curing period on the consolidation properties of bagasse ash treated black cotton soil. Mohammad, Hasheem. D. (U08CV1063). (Graduated).
- xxxii. Effect of curing period on the consolidation characteristics of bagasse ash treated lateritic soil. Itodo, Victor. O. (U08CV1060).
- xxxiii. Effect of curing on the swelling pressure of compacted expansive soil using modified Proctor effort. Yusuf, Mohammed. J. (U09CV1057).
- xxxiv. Effect of curing on swelling pressure of compacted expansive soil using British standard light effort. Graba, Zahraddeen. A. (U09CV1053). (Graduated).
- xxxv. Effect of curing on swelling pressure of compacted expansive soil using reduced British Standard light effort. Ibrahim Babangida. (U09CV1052). (Graduated).
- xxxvi. Effect of curing on swelling pressure of compacted expansive soil treated with rice husk ash using British standard light effort. Boyi, Nuhu Sanda (U09CV1059). (Graduated)
- xxxvii. Effect of curing period on the swelling pressure of compacted expansive soil treated with rice husk ash using reduced British standard light effort. Abubakar Abdulrahman. (U09CV1058). (Graduated).
- xxxviii. Effect of curing on swelling pressure of compacted expansive soil treated with rice husk ash using reduced proctor effort. "A case study of Professorial Shell Office in Ahmadu Bello University Zaria." Alabi, Abdurraheem T. (U09CV1063). (Graduated).
- xxxix. Effect of curing period on the swelling pressure of compacted expansive soil treated with rice husk ash using West African standard effort. Aliyu, Sirajudeen Amoto. (U09CV1061). (Graduated)
- xl. Several other ongoing undergraduate projects to date 2014 - Date

c. Post Graduate Teaching:

University of Agriculture Makurdi

- i. ECD013, Soil Mechanics; 2009

- ii. ECE 645, Advanced Soil Mechanics; 2009
- iii. ECE 649, Subsurface Exploration and Testing of Soils; 2009

Ahmadu Bello University Zaria

- iv. CVEN 805, Advanced Soil Mechanics, 2010 – 2017.
- v. CVEN 831, Advanced Foundation Engineering. 2010 – 2017
- vi. CVEN 838, Lateritic Soil and Other Problem Soils of Africa (Expansive and Collapsible Soils). 2015 -2017.
- vii. CVEN 836/CVEN 931: Environmental Geotechnics. 2018 – Date.
- viii. CVEN 854/CVEN 935 Waste Containment. 2018 – Date.
- ix. CVEN 933: Special Topics in Geotechnical / Geo-environmental Engineering. 2018 – Date.
- x. CVEN 937: Contaminant Transport. 2018 – Date.

University of Maiduguri

- xi. CE 841, Engineering Properties of Soil, 2012 – 2018.
- xii. CE 843, Foundation Engineering, 2012 – 2018.
- xiii. CE 844, Earth Retaining Structures, 2012 – 2018.
- xiv. CE 846, Dam Engineering, 2012 – 2018.

d. Postgraduate Supervision

Ph.D Supervision

Completed Ph.D

1. Evaluation of Bagasse ash treated black cotton soil as hydraulic barrier in waste containment systems by Ijimdiya, T. S. Ph.D/Eng/01466/06-07. Ph.D Civil Engineering Ahmadu Bello University Zaria. 2010
2. Geotechnical Mapping of Bearing Capacities and Allied Properties of Crystalline and Sedimentary Rock Areas of Nigeria by, Medubi, Ayo. Ph.D/Eng/47986/05-06. Ph.D Civil Engineering Ahmadu Bello University Zaria. January 2011.
3. Evaluation of reconstituted coal ash stabilized reclaimed asphalt pavement (RAP) as Highway materials Edeh J. E. Ph.D/Eng/ 50230/05-06. Ph.D Civil Engineering Ahmadu Bello University Zaria. July 2011.
4. Evaluation of bagasse ash treated foundry sand for waste containment applications. George, M. PhD/ENG/10731/2007-2008 Ph.D Civil Engineering Ahmadu Bello University Zaria. May 2012.
5. Evaluation of lateritic soil treated with saw dust ash as a hydraulic barrier material for waste containment facility Johnson Rotimi Oluremi. Ph.D/Eng/1628/2009-2010. June 2015.
6. Evaluation of bagasse black cotton soil treated with cement kiln dust as a suitable hydraulic barrier material in waste containment facilities. Mrs Adebisi. Ramota. Osim, Ph.D/Eng/03637/2007-2008. July 2017.
7. Characterization of Subgrade Materials from Nigerian Sources for Use in the Nigeria Empirical-Mechanistic Pavement Analysis and Design. Abdulfatai Adinoyi MURANA Ph.D/ENG/13523/2010-2011. January 2016.
8. Prediction of foundation settlement based on standard penetration test results and numerical modeling. Salahudeen Anigilaje Bunyamin. P13EGCV9003. May 2017

9. Performance Evaluation of Compacted Waste Foundry Sand-Bentonite-Rice Husk ash Blend as Barrier in waste containment Application. Ochepe O. Joshua. Ph.D/ENG/05543/2008-2009. August 2017
10. Evaluation of microbial – induced calcite precipitation treated lateritic soil for use in waste containment facilities. John E. Sani. Ph.D/ENG/33163/2012-2013. September 2019.

Ongoing Ph.D

1. Evaluation of compacted silty sand treated with (*sporocarsina pasteurii*) for use as a hydraulic barrier material in municipal solid waste containment application. Emanuel W. Gadzama. P14EGCV9004.
2. Evaluation of compacted silty sand treated with (*sporocarsina pasteurii*) for use as a hydraulic barrier material in municipal solid waste containment application. Paul Yohanna. P15EGCV9006.
3. Suitability of compacted tropical residual soil bio-treated with *Bacillus megaterium* concentration for use in waste containment facilities. Roland Kufre Etim P16EGCV9011.
4. Mitigation of lateritic soil erosion using *Bacillus thuringiensis* –induced calcite precipitate. Kanyi, Ianna Moris. P17EGCV9007.
5. Evaluation of *Bacillus pumilus* in microbial-induced calcite precipitate application to erosion control in lateritic soil. Ashiru M. Ashiru P16EGCV9016.
6. Erodibility control of lateritic soil treated with *Bacillus sphaericus* in microbial-induced calcite precipitation application. Yisa, Godwin Lazhi. P17EGCV9007.
7. Evaluation of *Bacillus brevis* in microbial-induced calcite precipitate (MICP) mitigation of Aeolian erosion in silty sand. Garba, Alhaji Murtala. P17EGCV9012
8. The influence of bacterial induced calcite precipitation of *bacillus subtilis* on the mitigation of wind erosion. Oyelakin, Mutiu Adekunle. P17EGCV9010.

MSc Supervision

Completed

1. The Effect of Locust Bean Waste Ash on the Geotechnical Properties of Cement – Stabilized black Cotton Soil. By Oyelakin, Mutiu Adekunle. MSc./Eng/06034/2006-07. MSc. Civil Engineering. Ahmadu Bello University Zaria. 2011.
2. The Effects of Elapse Time after mixing on the properties of cement-locust bean waste ash modified lateritic soil by Abdullahi, Mohammed. Murtala. MSc./Eng/11748/2007-08. MSc. Civil Engineering. Ahmadu Bello University Zaria. 2011.
3. Lime stabilization of black cotton soil using locust bean waste ash as admixture by Mohammed, T. MSc./Eng./09001/2006-07. MSc. Civil Engineering. Ahmadu Bello University Zaria. 2011.

4. Effect of locust bean waste ash on cement modified lateritic soil by Yamusa Bello Y. MSc./Eng./18640/2007-08. MSc. Civil Engineering. Ahmadu Bello University Zaria. 2011
5. Use of Lime and locust bean waste ash in the modification of lateritic soil by Ja'afar Abubakar. MSc./Eng./15471/2007-08. MSc. Civil Engineering. Ahmadu Bello University Zaria. 2011.
6. Effect of locust bean waste ash on cement modified black cotton soil. M. Sc. thesis by Baba, Salau. MSc. Civil Engineering Ahmadu Bello University Zaria. 2011.
7. Effect of locust bean waste ash on lime modified black cotton soil. M. Sc. thesis by Ovuarume, U. Bennard. MSc./Eng./03309/07-08. MSc. Civil Engineering Ahmadu Bello University Zaria. 2011.
8. Effect of elapse time after mixing on lateritic soil modified with lime and locust bean waste ash M. Sc. thesis by Nwadiogbu, Chiedu Paul. MSc./Eng./10022/07-08. M.Sc. Civil Engineering Ahmadu Bello University Zaria. 2011.
9. Locust bean waste ash modification of black cotton soil using cement kiln dust as an activator . M.Sc. thesis by Polycarp Azige. MSc./Eng./02596/2008-09. M.Sc. Civil Engineering Ahmadu Bello University Zaria. 2012
10. Locust bean waste ash stabilization of black cotton soil using cement kiln dust as an activator. M.Sc. thesis by John Engbonye Sani MSc./Eng./10150/2008-09. M.Sc. Civil Engineering Ahmadu Bello University Zaria. 2012
11. Stabilization of Black Cotton soil with cement Kiln Dust by Salahudeen Anigilaje Bunyamin (MSc/ENG/1141/2010-2011). M.Sc. Civil Engineering Ahmadu Bello University Zaria. 2013
12. Modification of black cotton soil with Cement – iron ore tailing blend by Paul Yohanna (MSc./ENG/ 2492 /2011-2012. 2015
13. Stabilization of black cotton soil with lime – iron ore tailing blend by Etim Roland Kufre M.Sc/ENG/585/2011-2012. 2015.
14. Effect of elapsed time after mixing on modified black cotton soil bagasse ash mixture. By Sani, O. Ruben. M.Sc./ENG/1763/2010-2011. 2016.
15. Cement stabilization of lateritic soil using iron ore tailings as admixture. By Kanyi Ianna Moris. M.Sc./ENG/43403/2012-2013. 2017.
16. Lime stabilization of lateritic soil using iron ore tailing as admixture. IBRAHIM, Mahmud. MSc./ENG/33061/2012-2013. 2018.

Ongoing

1. Effect of Elapsed Time after Mixing on the Properties of Lime Iron Ore Tailing Stabilized Black Cotton Soil. Annafi Babatunde Qaudri M.Sc/ENG/46199/2012-2013.

2. Stabilization of black cotton soil using alkaline activated metakaolin (geopolymer). HAYATU Solomon. P14EGCV8018.
4. Microbial induced calcite precipitate stabilization of black cotton soil with *Sporosarcina pasteurii* (*Bacillus Pasteurii*). Raji Abubakar Usman. P15EGCV8034.
5. Microbial induced calcite precipitate stabilization potential of lateritic soil treated with *Bacillus pumilus*. Nwaedozie Uchenna Emmanuel. P15EGCV8019.
6. Microbial induced calcite precipitate improvement of black cotton soil with *Bacillus coagulans* Bassey, Aniekpeno Bassey. P16EGCV8008.
7. Microbial-induced calcite precipitate improvement of silty soil using *bacillus megaterium*. Onah, Mary Omada. P17EGCV8075

e. External Examination –

1. Undergraduate Program of Civil Engineering Dept. Nnamdi Azikiwe University (UNIZIK). Anambra State. 2014 – 2016
2. Postgraduate Program of Civil Engineering Dept (Geotechnics Option) Bayero University Kano (BUK). Kano State. 2016 - Date
3. Postgraduate Program of Civil Engineering Dept (Geotechnics Option) Abubakar Tafa Balewa University, Bauchi (ATBU) Bauchi State. 2017- Date.
4. Undergraduate Program of Civil Engineering Dept. Bayero University Kano (BUK). Kano State. 2018 - Date
5. Postgraduate Program of Civil Engineering Dept. (Geotechnics Option) Federal University of Technology Minna, Niger State. 2019 – Date.

f. Internal Examination (Postgraduate School, ABU, Zaria)

1. Suitability of crushed sandcrete block (CSB) as fine Aggregate for masonry works by AKOR Akor Joshua M. M.Sc. Civil Engineering Ahmadu Bello University Zaria. 2012 May 2012.
2. The Physical properties of fine Aggregates in Zamfara state: Nigeria by IBRAHIM , Aminu MSc/ENG/01485/2006-2007. 2012.
3. Properties of corn cob ash concrete by Aimola, Taiwo Christopher. Ph.D. Civil Engineering Ahmadu Bello University Zaria. 2012.
4. An Assessment of the Bend, Chemical and Tensile Properties of Reinforcing steel bars in the Nigerian Construction industry. Mohammed Umar JIBRIN (PhD/ENG/40010/2004-2005. 2012.
5. Effect of Calcination Temperature of Rice Husk on the Properties of Cement Mortar by Taku, Kumator Josiphiah. M.Sc./Eng/1887/2009-2010. Sept. 2013.
6. A Study of the Effect of Neem Seed Ash on Concrete. Nuruddeen Musa MUHAMMAD PhD/ENG/015116/2007-2008. 2013.

7. Assessment of Non Destructive Testing in Concrete by Dauda Dahiru. Ph.D/Eng/2788/2009-2010. 2013.
8. Effect of Calcination Temperature of Rice Husk Ash on the Properties of Cement Mortar. Kumator Josiphiah TAKU MSc/ENG/1887/2009-2010. 2013.
9. Laboratory Evaluation of the Properties of Ordinary Portland Cement in Nigeria. Jibril Zubairu Jibril MSc/ENG/17837/2007-2008. 2013.
10. Reliability –Based Analysis and Calibration of the Eurocode 5 Design Criteria of a Three-Hinged Solid Timber Portal Frame. Jibrin Mohammed KAURA. PhD/ENG/05540/2008-2009. 2014
11. Use of Global Positioning System (GIS) and GIS in Management of traffic Congestion . Olanisakin Kolade JULIUS. MSc/ENG/682/2009-2010. 2015
12. Geographic Information System-Based Origin and Destination Survey of Federal Capital Territory (FCT) Abuja. Sunday Olayinka ATAMODE. P13EGCV8021
13. Development of Framework for Monitoring Community-Based Rural Roads Maintenance Contracting. Shuaibu Abdulmumin AHMED. MSc/Eng/2576/2011-2012.
14. Optimisation of Concrete Slabs Reinforced with Carbon Fibre Reinforced Plastic (CFRP). Emmanuel Egwu OKORO. (Ph.D/ENG/3918/2011-2012).
15. Use of Steel Slag as Filler in Asphalt Concrete. Aliyu Aliyu ABDULRAHMAN (MSc/ENG/2682/2011-2012).
16. Structural Characterization of Concrete and Sandcrete Hollow Blocks Produced from Selected Cement Brands. Abubakar Salihu OVAJIMOH (Ph.D/ENG/04073/2006-2007).

22. RESEARCH/EXTENSION EXPERIENCE WITH DATES:

- | | | | |
|-------|--|---|-------------|
| i. | Evaluation of Bagasse Ash Treated Lateritic Soil as a Suitable Material for Waste Landfill Barrier (liner) and Cover | - | 2005 – 2008 |
| ii. | Geomaterial Characterization. | - | 2007 - Date |
| iii. | Solutions to Geoenvironmental Problems. | - | 2007 – Date |
| iv. | Site Characterization. | - | 2006 - Date |
| v. | Soil Remediation using stabilization and solidification techniques | | 2012 - Date |
| vi. | Waste containment Barriers and Covers. | - | 2005 - Date |
| vii. | Beneficial reuse of industrial /agro-industrial by products | | 2001 – Date |
| viii. | Biogeochemical Processes in Geotechnical Engineering (Microbial Induced Calcite Precipitation) | - | 2015 – Date |

- ix. Collapsible soils - 2018 – Date
- x. Engineering Education - 2019 - Date

23. ROUTINE ADMINISTRATIVE DUTIES WITH DATES

- i. Departmental Examination and registration officer, Department of Civil Engineering University of Agriculture Makurdi Benue State. - 2009
- ii. Departmental Post graduate Coordinator , Department of Civil Engineering University of Agriculture Makurdi Benue State. - 2009
- iii. Assistant Deputy Leader, Geotechnical Group Laboratory Department of Civil Engineering Ahmadu Bello University Zaria. 2010 – Date
- iv. Final Year Project Coordinator, Department of Civil Engineering Ahmadu Bello University Zaria. 2010 – 2014
- v. Assistant Postgraduate Coordinator, Department of Civil Engineering Ahmadu Bello University Zaria. 2010 – 2014.

24. POSITION HELD WITH DATES

- i. Final Year Project Coordinator, Department of Civil Engineering Ahmadu Bello University Zaria. 2010 – 2014
- ii. Assistant Postgraduate Coordinator, Department of Civil Engineering Ahmadu Bello University Zaria. 2010 – 2014.
- iii. Associate Editor Nigerian Journal of Engineering. 2015 – Date.

25. PROFESSIONAL SERVICE/HONOUR SOCIETIES

- i. Member Nigerian Society of Engineers (M.NSE) No. 16,545. – 2005.
- ii. Council for the Regulation of Engineers (COREN). R.Engr. No. 13,329. - 2006
- iii. Member Nigerian Institution for Civil Engineers. (NICE) No. 934. - 2006
- iv. Professional Member Material Society of Nigeria (M.MSN) P548. - 2006
- v. Member American Society of Civil Engineers (M.ASCE) ID# 452783. - 2005.
- vi. Member Geo-Institute of American Society of Civil Engineers M. G-I - 2005.
- vii. Member, International Society of Soil Mechanics and Geotechnical Engineering M.ISSMGE. ID# USA15452783 - 2005

26. COMMUNITY SERVICES

a. Nation/State:

- b. National Youth Service Corps. – 1998.
- c. Member Nigerian Industrial Standard Committee on Cement NIS 444-1:2014. Standard Organization of Nigeria (SON). 2014 – 2017.
- d. External Examiner Undergraduate Program of Civil Engineering Dept. Nnamdi Azikiwe University (UNIZIK). Anambra State. 2014 – 2016
- e. Coordinator, Nigerian Institution of Civil Engineering Zaria Chapter (2014 – Date)
- f. Member Engineering Occupation and Business Committee Nigerian Society of Engineers (NSE). 2016
- g. External Examiner Postgraduate Program of Civil Engineering Dept (Geotechnics Option) Bayero University Kano (BUK). Kano State. 2016 - Date
- h. Member Engineering Practice Committee. Nigerian Society of Engineers (NSE). 2017.
- i. External Examiner Postgraduate Program of Civil Engineering Dept (Geotechnics Option) Abubakar Tafa Balewa University, Bauchi (ATBU) Bauchi State. 2017- Date.
- j. External Examiner Undergraduate Program of Civil Engineering Dept. Bayero University Kano (BUK). Kano State. 2018 - Date

b. University/Institute/Centre/Faculty/Department:

- i. Member, departmental quarterly allocation disbursement committee.
- ii. Resource Person, Workshop on sample preparation and laboratory analysis techniques from geotechnical site investigation for staffs of Nigerian Geological Survey Agency Kaduna. 2011
- iii. Faculty of engineering representative on sports
- iv. Member Local Organizing Committee on Nigerian Engineering Conference 2014 held at the Faculty of Engineering Ahmadu Bello University Zaria.
- v. Associate Editor Nigerian Journal of Engineering. 2015 – 2017.
- vi. Ahmadu Bello University Phase II Soil Faculty of Science Sub- Soil Investigation Work March 2014.
- vii. Distressed Security Building Ahmadu Bello University Main Campus Sub-Soil Investigation work. May 2014.
- viii. 250 Twin Seater Lecture Hall/Auditorium for Ahmadu Bello University Teaching Hospital Shika. Sub Soil Investigation Work. March 2013.
- ix. Construction of Ahmadu Bello University Micro Finance Bank Main Campus Sub-Soil Investigation Work. February 2014.
- x. Block of Hostel Behind Danfodio Sub-soil Investigation Work. A.B.U. Main Campus. June 2014.
- xi. Integrity of Architecture Building Ahmadu Bello University Main Campus Sub-Soil Investigation Work. July 2014.
- xii. Construction of Faculty Board Room and Office Accommodation at Ahmadu Bello University Teaching Hospital Shika, Sub-Soil Investigation Work. January 2013.
- xiii. Spatial Information Building for Urban and Regional Planning Department Ahmadu Bello University Zaria. Sub-Soil Investigation Work. January 2013.
- xiv. Construction of Shell Chair for Mechanical Engineering Building Ahmadu Bello University Zaria Sub-Soil Investigation Work. January 2014.
- xv. Many Other sub-Soil Investigation Work from 2014 – Date.
- xvi. Research Coordinator African Center of Excellence on New Pedagogies in Engineering Education (ACENPEE) World Bank Sponsored Centre of Excellence. 2019 - Dates

c. Others:

Reviewer for the following Journals

- i. Nigerian Journal of Engineering (NJE) A.B.U. Zaria
- ii. Nigerian Journal of Technology (NIJOTECH). University of Nigeria Nsukka
- iii. Journal of Environmental Protection. Scientific Research
(<http://www.SciRP.org/journal/jep>)
- iv. Mediterranean Journal of Chemistry. www.medjchem.com
- v. Nigerian Journal of Engineering Science and Technology Research (NJESTR). Federal University of Technology Yola
- vi. Elsevier Journal of Engineering Geology
- vii. Maejo International Journal of Science and Technology. Maejo University, Thailand
- viii. Environmental Geotechnics Journal. Institution of Civil Engineers. United Kingdom.
- ix. Environmental Earth Sciences. Journal of Environmental Earth Sciences. Springer.
- x. The Global Journal of Soil Science. Geoderma. Elsevier. B. V.
- xi. Waste and Biomass Valorization Journal. Springer.
- xii. Journal of Engineering Research in Africa.
- xiii. Science of the Total Environment. STOTEN. Elsevier. B. V.
- xiv. Materials and Design. Elsevier B.V.
- xv. Transportation Geotechnics. Elsevier B.B.
- xvi. Earth Sciences Research Journal. Universidad Nacional de Colombia
- xvii. Central Mindanao University Journal of Science Philippines
- xviii. Journal of Traffic and Transportation Engineering Journal. Elsevier. B.V.
- xix. Arabian Journal of Science and Engineering. Springer B.V.
- xx. Academy Journal of Science and Engineering. Nigeria Defence Academy
- xxi. Nigeria Journal of Science and Technology. Material Science and Technology Society of Nigeria (MSN).
- xxii. Bayero Journal of Engineering and Technology (BJET). Bayero University Kano.
- xxiii. Nigerian Journal of Engineering and Applied Sciences. School of Engineering, Federal University of Technology Mina.
- xxiv. Applied Clay Science Journal. Elsevier. B.V.
- xxv. Case Studies in Construction Materials. Elsevier B.V.
- xxvi. Marine Georesources and Geotechnology Taylor and Francis
- xxvii. Journal of Hazardous, Toxic and Radioactive Waste. ASCE
- xxviii. Advances in Civil Engineering Materials ASTM.
- xxix. Member conference technical committee on the 1st Springer Conference of the Arabian Journal of Geosciences (CAJG). 12 -15th November 2018 Hammamet, Tunisia.
- xxx. Member conference technical committee on the 2nd Springer Conference of the Arabian Journal of Geosciences (CAJG). November 2019 Hammamet, Tunisia.
- xxxi.
Rotary International
- i. Member Rotary International; Club secretary Rotary Club of Samaru (2006 – 2007).

- ii. District Secretary Rotary International District 9120 (2008 – 2009).
- iii. President Rotary Club of Samaru (2010-2011).
- iv. President Rotary Club of Samaru (2012 – 2013).

27. INTERNATIONAL CONFERENCE ATTENDED/ORGANIZED WITH DATES

1. International Training Workshop on Modern Geophysical Techniques and Data Processing at Advanced Geophysical Research Laboratories, Dept of Physics Ahmadu Bello University (ABU) Zaria, Nigeria. 5th – 10th June 2006.
2. International conference on Infrastructure Development and the Environment Abuja (ICIDEN 2006) September 10 – 15, 2006, Abuja Nigeria.
3. First International Conference on Environmental Research, Technology Policy (ERTEP 2007) Accra. Ghana. July 16 -19th 2007.
4. First West African International Workshop on landslides and other natural disasters, Nsukka 2010. March 22nd – 26th 2010. University of Nigeria Nsukka
5. Third International Conference on Engineering Research and Development ICER&D 2010. University of Benin Faculty of Engineering Benin City, Nigeria. 7th – 9th Sept., 2010.
6. International Conference on Innovations in Engineering and Technology, 2011 (IET 2011). Sustaining 21st Century Engineering Infrastructure. Julius Berger Theatre, Faculty of Engineering, University of Lagos. Lagos State Nigeria. August 8th – 10th 2011.
7. International Conference on Waste Management in Developing Countries and Transient Economies Mauritius, Africa, pp. 1 – 14. 5th - 9th September 2011.
8. Deep Foundation Institute Middle East Conference 2012 American University in Dubai. U.A.E. 14th – 15th March 2012.
9. International Symposium on Coupled Phenomena in Environmental Geotechnics (CPEG2). UK 6th – 7th September 2017. Leeds, UK.

28. LOCAL CONFERENCES ATTENDED/ORGANIZED WITH DATES

- i. 4th The Nigerian Material Congress 2005 (NIMACON 2005). Nov. 17th -19th 2005. Zaria,Nigeria.
- ii. 5th Nigerian Materials Congress (NIMACON 2006). Abuja. Nov. 15th – 18th 2006. Abuja, Nigeria.
- iii. Nigeria Institute of Civil Engineers (NICE) Annual General Meeting October 6th – 7th 2009
- iv. Council for Engineering General Assembly Abuja 2013.
- v. Nigeria Engineering Conference (NEC 2014) Ahmdu Bello Zaria Sept. 18th – 21st 2014
- vi. Council for Engineering General Assembly Akure, August 2016.

- vii. Nigerian Society of Engineers General Assembly Uyo, November 2016
- viii. Council for Engineering General Assembly Abuja, August 2017.
- ix. Nigerian Society of Engineers General Assembly Abuja, November 2017

29. PUBLICATIONS / ARTICLES

(a) (i.) In Peer Reviewed Journals and Books

1. Osinubi, K. J. Amadi, A.A. and **Eberemu, A.O.** (2006) 'Shrinkage characteristics of compacted laterite soil-flyash mixture. *NSE Technical Transaction*. **41** (1) : 36 – 48
2. Osinubi, K.J. and **Eberemu, O. A.** (2006b). 'Hydraulic conductivity of compacted lateritic soil treated with blast furnace slag' *Electronic Journal of Geotechnical Engineering (EJGE)* **11D**, (2006) Bundle D. Paper 0693 pg. 1 – 16.
3. Osinubi, K. J., **Eberemu, A. O.** and Ogbe, A. (2009) 'Effect of bagasse ash content on the hydraulic properties of laterite'. *Nigerian Journal of Material Science and Engineering (NJMSE)* **1** (1): 53 – 62. Material Society of Nigeria.
4. Osinubi, K.J. and **Eberemu, O. A.** (2009) 'Compatibility and attenuative properties of blast furnace slag treated laterite' *The Journal of Solid Waste Technology and Management*. **35**. (1): 7 – 16. Widener University School of Engineering, U.S.A.
5. Osinubi, K.J, Akinmade, O. B, and **Eberemu, O.A.** (2009). "Stabilization Potential of Locust Bean Waste Ash on Black Cotton Soil " *Journal of Engineering Research*. **14**, (2): 1 – 13. June 2009. Faculty of Engineering. University of Lagos.
6. Osinubi, K.J., **Eberemu, A. O.** and Amadi, A. A. (2009). Compacted Lateritic Soil Treated with Blast Furnaces Slag as Hydraulic Barriers in Waste Containment. *Int. J. Risk Assessment and Management*. **13**, (2): 171 – 188, Inderscience Enterprise Ltd. U.K.
7. Osinubi, K. J., Vwapamkai, Bafyau and **Eberemu, A. O.** (2009). "Bagasse Ash Stabilization of Lateritic Soil." *Chapter 5 in Contribution in Appropriate Technologies for Environmental Protection in Developing World*. Pp. 281 – 290. Edited by Dr. Ernest. K. Yanful (ed.), © Springer Science + Business Media B.V. http://link.springer.com/chapter/10.1007/978-1-4020-9139-1_26
8. Osinubi, K. J. and **Eberemu, A. O.** (2010) 'Dessication induced shrinkage of compacted lateritic soil treated with blast furnace slag (BFS). *Journal of Geotechnical and Geological Engineering*. **28**. (5): pp. 537 – 547. © Springer Science + Business Media B.V.
9. Osinubi, K. J., and **Eberemu, A. O.** (2010). 'Unsaturated hydraulic conductivity of compacted lateritic soil treated with bagasse ash.' *Geotechnical Special Publication (GSP) American Society of Civil Engineers. Advances in Analysis, Modelling and Design*. Edited. Dante Fratta, Anand J. Puppala and Balasingan Muhunthan, **GSP No. 199**, pp. 357 – 369.

10. **Eberemu, A. O.**, Amadi, A. A., Bajeh, Ibrahim. (2010). Interactions between compacted tropical clay treated with rice husk ash and municipal solid waste landfill leachate. *Nigerian Journal of Engineering*. **17** (1): 84 – 90. Faculty of Engineering, A.B.U. Zaria.
11. Amadi A. A., Aguwa J. I., **Eberemu, A. O.** (2011). Variation in plasticity characteristics of lateritic soil associated with bentonite treatment. *Nigerian Journal of Technological Research*. **6** (1): 32 – 38. Federal University of Technology Minna, Nigeria.
12. Osinubi, K. J. Oyelakin, M. A and **Eberemu, A. O.** (2011). ‘Improvement of black cotton soil with ordinary Portland cement – locust bean waste ash blend.’ to Electronic Journal of Geotechnical Engineering. **16** (2011) Bundle F. pp. 619 – 627. [http:// www.ejge.com](http://www.ejge.com)
13. Osinubi, K. J. and **Eberemu, A. O.** (2011). *Volumetric shrinkage of compacted lateritic soil treated with bagasse ash*. The Journal of Solid Waste Technology and Management. **37** (3) pp.210 – 220. August. 2011. Widener University School of Engineering U.S.A.
14. Amadi, A. A. and **Eberemu, A. O.** (2012) “Delineation of compaction criteria for acceptable hydraulic conductivity of lateritic soil-bentonite mixtures designed as landfill liners” *Environmental Earth Sciences. Journal of Environmental Earth Sciences*. Volume 67, (4) pp. 999-1006. <http://link.springer.com/article/10.1007/s12665-012-1544-z> Springer-Verlag
15. **Eberemu, A. O.**, Amadi, A. A. and Sule, J. (2011) “Desiccation effect on compacted tropical clay treated with rice husk ash” ASCE Geotechnical Special Publication (**GSP**) **No. 211**. ASCE. In *Advances in Geotechnical Engineering. Volume 2 of 6*. Editors: Jie Han Daniel A. Alzamora ISBN: 978-1-61782-594-1. pp. 1192 – 1201
16. **Eberemu, A. O.** (2011). *Desiccation induced shrinkage of compacted tropical clay treated with rice husk ash*. International Journal of Engineering Research in Africa (JERA) **6** (2011) pp.45 – 64. <http://doi.org/10.4028/www.scientific.net/JERA.6.45> © (2011) Trans Tech Publications, Switzerland.
17. **Eberemu, A. O.** (2011) ‘Consolidation properties of compacted lateritic soil treated with rice husk ash’ Journal of Geomaterial (GM). **1**. (3) Pp. 70 – 78. Doi: 10.4236/gm.2011.13011 Scientific Research Publishing September 2011. [http://: www.scirp.org/journal/gm](http://www.scirp.org/journal/gm)
18. Amadi, A. A. and **Eberemu, A. O.** (2012). “Performance of cement kiln dust in stabilizing lateritic soil contaminated with organic chemicals. Advanced Materials Research. **Vol. 367** (2012) pp. 41-47 © (2012) Trans Tech Publications, Switzerland DOI:10.4028/www.scientific.net/AMR.367.41
19. **Eberemu, A. O.**, Amadi A. A. and Edeh E. J. (2012). *Hydraulic conductivity of compacted tropical clay treated with rice husk ash*. Advanced Materials Research. **Vol. 367** (2012) pp 63-71© (2012) Trans Tech Publications, Switzerland DOI:10.4028/www.scientific.net/AMR.367.63
20. Edeh E. J., **Eberemu, A. O.** and Onah. A. (2012). *Lateritic soil stabilization of reclaimed asphalt pavement as flexible highway pavement material’*. Advanced Materials Research. **Vol. 367** (2012) pp 3-11 © (2012) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMR.367.3

21. **Eberemu, A. O.**, Odedede, O. M., Ekere, M. A. (2012). Consolidation characteristics of soils within the University of agriculture, Makurdi. *Journal of Engineering Research* **17** (3): pp.68 – 81. Faculty of Engineering, University of Lagos.
22. Amadi, A. A., **Eberemu, A. O.** and Osinubi, K. J. (2012). ‘Strength consideration in the use of lateritic soil stabilized with fly ash as liners and covers in waste landfills.’ In: *State-of-the-Art and Practice in Geotechnical Engineering*. Edited by Roman D. Hryciw, Adda Athanasopoulos-Zekkos and Nazli Yesiller, American Society of Civil Engineers (ASCE) Geotechnical Special Publication, **GSP 225**, pp. 3835 – 3844
23. Osinubi, K.J., **Eberemu, A. O.** and Amadi, A. A. (2012). ‘Compatibility of compacted lateritic soil treated with bagasse ash and municipal solid waste leachate’ *International Journal of Environment and Waste Management (IJEWM)* Vol. 10, (4). pp. 365 – 376. Inderscience Publishers Ltd., United Kingdom.
24. **Eberemu, A. O.**, Amadi., A. A., Lawal., M. (2012). ‘The geotechnical properties of black cotton soil treated with crushed glass cullet. *Nigerian Journal of Technological Research (NJR)* Vol. 7 (2). Pp.23-30. Federal University of Technology Mina.
25. Osinubi, K. J., **Eberemu, O. A.**, Bello O. A. and Adzegah A. (2012) ‘Effect of fines content on the engineering properties of reconstituted lateritic soils in waste containment application’. *Nigerian Journal of Technology (NIJOTECH)*. Vol. **31**. (3). Pp. 1 - 11. Faculty of Engineering University of Nigeria Nsukka.
26. Edeh, J. E., **Eberemu, A. O.** and Arigi, A. S. D. (2012) Reclaimed asphalt pavement stabilized using crushed concrete waste as highway pavement material. *Advances in Civil Engineering Materials (ACEM) ASTM*. Vol. **1** (1): pp.152-165 DOI: 10.1520/ACEM20120005. www.astm.org
27. Edeh, J. E. **Eberemu, A. O.** and Abah, A. B. (2012) Reclaimed asphalt pavement-lime stabilization of clay as highway pavement materials. *Journal of Sustainable Development and Environmental Protection*. Vol. **2**. (3). Pp. 62 – 75. Institute for Environment Research and Development (IERD) Bells University, Ota. Nig. www.ierdafrica.org
28. **Eberemu, A. O.**, Amadi, A. A., Edeh, J. E. (2012). Diffusion of municipal waste contaminants in compacted lateritic soil treated bagasse ash. *Journal of Environmental Earth Sciences. Springer*. Vol. **70**. (2) pp. 789 - 797.
<http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s12665-012-2168-z>
Springer-Verlag
29. **Eberemu, A. O.** (2013). Evaluation of bagasse ash treated lateritic soil as a barrier material in waste containment application. *Acta Geotechnica*. Vol.**8**. (4) pp. 407 - 421. *Springer*.
<http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11440-012-0204-5> DOI 10.1007/s11440-012-0204-5 ISSN 1861-1125
30. **Eberemu, Adrian. O.** (2012). Potential use of compacted tropical clay treated with rice husk ash in waste containment applications. *Nigerian Journal of Engineering*. **19** (1): 23 – 33. Faculty of Engineering, A.B.U. Zaria.
31. Osinubi, K. J. and **Eberemu, A. O.** (2013). Hydraulic conductivity of compacted lateritic soil treated with bagasse ash. *International Journal of Environment and Waste Management (IJEWM)* Vol. **11**, No. 1, pp. 38 – 58. Inderscience Publishers Ltd., United Kingdom.
32. Amadi, A. A. and **Eberemu, A. O.** (2013). Characterization of geotechnical properties of lateritic soil-bentonite mixtures relevant to their use as barrier in engineered waste landfills. *Nigerian*

33. **Eberemu, A. O.**, Amadi, A. A. and Osinubi, K. J. (2013) ‘The use of compacted tropical clay treated with rice husk ash as a suitable hydraulic barrier material in waste containment application’ *Waste and Biomass Valorization*. Vol. 4, (2) pp. 309 – 323. <http://link.springer.com/article/10.1007/s12649-012-9161-3> Springer Netherlands
34. Osinbui, K. J, Didden, R., Ijimdiaya, T. S., **Eberemu, O. A.** (2012) ‘Effect of elapsed time after mixing on the strength properties of black cotton soil - cement - blast furnace slag mixtures’ *Journal of Engineering Research (JER)*. Faculty of Engineering University of Lagos. **JER** 17 (4) pp. 63 - 75 www.e-jer.com
35. Amadi A. A. and **Eberemu, A. O.** (2013) ‘Potential application of lateritic soil stabilized with cement kiln dust as liners in waste containment structures’ *Geotechnical and Geological Engineering Journal*. Vol. 31 (4) pp. 1221 – 1230. DOI 10.1007/s10706-013-9645-3 <http://www.springer.com/alert/urltracking.do?id=L27c9c9aMcabd0bSacfba55>
36. **Eberemu, A. O.** and Sada H. (2013) ‘Compressibility characteristics of compacted black cotton soil treated with rice husk ash’. *Nigerian Journal of Technology (NIJOTECH)*. Faculty of Engineering University of Nigeria Nsukka. Vol. 32 (3), pp. 507 – 521..
37. **Eberemu, A. O.**, Isah G., and Gadzama, E. W. (2013). ‘Compressibility Characteristics of Compacted black cotton soil treated with bagasse ash’. *Journal of Civil Engineering (Nigerian Institution of Civil Engineers, NICE)* Vol.8 (1), pp. 26 – 44.
38. **Eberemu, A. O.**, Edeh, J. E and Gbolokun, A. (2013) ‘The geotechnical properties of lateritic soil treated with crushed glass cullet’ *Advanced Materials Research* Vol. 824. (2013) Pp. 21 – 28. Trans Tech Publications, Switzerland. DOI: 10.4028/www.scientific.net/AMR.824.21.
39. Edeh J. E. and **Eberemu, A. O.**, (2013) ‘Effect of compactive efforts on the strength properties of groundnut shell ash stabilized reclaimed asphalt pavement’. *Advanced Materials Research* Vol. 824. (2013) Pp. 12 – 20. Trans Tech Publications, Switzerland. DOI: 10.4028/www.scientific.net/AMR.824.12.
40. Yamusa, B. Y., **Eberemu, A. O.** and Osinubi, K. J. (2013). Effect of cement locust bean waste ash blend on the gradation and plasticity characteristics of modified lateritic soil. Submitted to Nigerian Journal of Tropical Research (NJTR) F.U.T. Mina. Vol. 8. No. 2 pg. 50 – 54.
41. Salahudeen, A. B., **Eberemu, A. O.** and Osinubi, K. J. (2014). “Assessment of cement kiln dust-treated expansive soil for the construction of flexible pavements” *Geotechnical and Geological Engineering Journal*. Vol. 32 (4) pp. 923 – 931. DOI 10.1007/s10706-014-9769-0. ISSN0960-3182. Springer.
42. **Eberemu, A. O.** (2015) ‘Compressibility characteristics of compacted lateritic soil treated with bagasse ash’. *Jordan Journal of Civil Engineering*. Vol. 9, No. 2. Pp.214 – 228. Jordan University of Science and Technology.
43. Osinubi, K. J., Yohanna, P., **Eberemu, A. O.**, (2015). Cement Modification of Tropical Black Clay Using Iron Ore Tailing as Admixture. *Journal of Transportation Geotechnics*. Elsevier. Vol. 5 (2015) pp. 35 – 49. <http://dx.doi.org/10.1016/j.trgeo.2015.10.001>
44. **Eberemu, A. O.**, Abdullahi, M., Osinubi, K. J., (2015). Influence of delay after mixing on compaction characteristics of cement – locust bean waste ash modified lateritic soil. *Journal of Applied Science Engineering and Technology (JASET)*. University of Ibadan. Manuscript. Vol. 15 (1) 1 – 7.

45. **Eberemu, A. O.** Omajali, D. I., Abdulhamid, Z. (2016). Effect of compactive effort and curing period on the compressibility characteristics of tropical black clay treated with rice husk ash. *Geotechnical and Geological Engineering Journal*. Vol. **34** (1) 313 – 322. <http://link.springer.com/article/10.1007/s10706-015-9946-9> (DOI) **10.1007/s10706-015-9946-9**
46. Osinubi, K.J., Medubi, A., **Eberemu, A. O.** (2015) ‘Geotechnical characterisation and isoline mapping of bearing capacities and allied properties of North Western Nigeria.’ *Journal of Engineering Research (JER)*. Faculty of Engineering University of Lagos. Vol. 20 (1) 13 – 22.
47. Osinubi, K. J., **Eberemu, A. O.**, Akinmade, O. B. (2016). Evaluation of Strength characteristics of tropical black clay treated with locust bean waste ash. *Geotechnical and Geological Engineering Journal*. Springer. Vol. 34, (2) 635–646 <http://link.springer.com/article/10.1007/s10706-015-9972-7> (DOI) **10.1007/s10706-015-9972-7**
48. Salahudeen, A. B., Ijimdiya, A. O., **Eberemu, O. A.**, Osinubi, K. J. (2016). Reliability Analysis of Foundation Settlement in the South-South of Nigeria. *Nigerian Journal of Engineering. Faculty of Engineering*. Ahmadu Bello University Zaria. Vol. 22. (2) 41 – 49.
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50. Etim, R. K. **Eberemu, A. O.** Osinubi, K. J. (2017). Stabilization of black cotton soil with lime and iron ore tailings admixture. *Transportation Geotechnics*. Elsevier 10 (2017) 85–95 <http://dx.doi.org/10.1016/j.trgeo.2017.01.002>
51. Sani, J. E., Yohanna, P., Etim, R. K., Osinubi, K. J and **Eberemu, A. O.** (2017). Reliability evaluation of optimum moisture content of tropical black clay treated with locust bean waste ash as road pavement sub-base material. *Geotechnical and Geological Engineering Journal*. Springer. <http://link.springer.com/article/10.1007/s10706-017-0256-2> (DOI)10.1007/s10706-017-02562. Pp. 1 – 11.
52. Oluremi, J. R, Yohanna, P., Ishola, K., Yisa, G. L., **Eberemu, A. O.**, Ijimdiya, T. S., Osinubi, K. J. (2017). Plasticity of Nigerian lateritic soil admixed with selected admixtures. *Environmental Geotechnics Journal*. <http://dx.doi.org/10.1680/jenge.15.0085>. pp. 1-9. Proceedings of the Institution of Civil Engineers (ICE) Publishing U.K.
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55. Oluremi, R. J., Ijimdiya, T. S., **Eberemu, A. O.** and Osinubi, K. J. (2019). Reliability Evaluation of Hydraulic Conductivity Characteristics of Waste Wood Ash Treated Lateritic Soil. *Geotechnical and Geological Engineering Journal*. Springer. <https://doi.org/10.1007/s10706-018-0625-5> Vol. 37 (2) 533 -547.
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61. **Eberemu, A. O.**, Osinubi, K. J., Ijimdiya, T. S., Sani, J. E. (2019). Cement Kiln Dust: Locust Bean Waste Ash Blend Stabilization of Tropical Black Clay for Road Construction. *Geotechnical and Geological Engineering Journal*. <https://doi.org/10.1007/s10706-018-00794-w> Springer Nature Switzerland AG.
62. Salahudeen A. B., **Eberemu, A. O.**, Osinubi, K. J. (2019). Microanalysis and compactive Efforts Study of Black Cotton Soil Treated with Cement Kiln Dust. *FUOYE Journal of Engineering and Technology*, Vol. 4 No. 1. Pp. 1 – 7. ISSN: 2579-0625 (Online), 2579-0617 (Paper)
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65. Etim, R. K., Attah, I. C., **Eberemu, A. O.** and Yohanna, P. (2019). Compaction Behaviour of Periwinkle Shell Ash Treated Lateritic Soil for Use as Road Sub-Base Construction Material. *Journal of Geo Engineering*. Vol 14, No. 3, pp. 179 – 190. [http://dx.doi.org/10.6310/jog.201909_14\(3\).6](http://dx.doi.org/10.6310/jog.201909_14(3).6)

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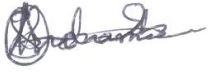
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33. Hobbies: Music, Stamina Based Exercises, Travelling.

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