

CURRICULUM VITAE

01 PERSONAL

- (i) **Name:** AWOKOLA, Olufiropo Samson
- (ii) **Date of Birth:** 27th July, 1954
- (iii) **Place of Birth:** Igbajo
- (iv) **Age:** 66 years
- (v) **Sex:** Male
- (vi) **Marital Status:** Married
- (vii) **Nationality:** Nigerian
- (viii) **Town and State of Origin:** Igbajo/Osun State
- (ix) **Contact Address:** (a) Federal University of Agriculture, Abeokuta,
College of Engineering,
Civil Engineering Department,
P.M.B. 2240.Abeokuta Ogun State,
- (x) **Phone Number:** 08037151917
- (xi) **E-mail Address:** osawokola@yahoo.co.uk
osawokola@gmail.com
awokolaos@unaab.edu.ng
- (xii) **Post : PROFESSOR (Water Resources and Environmental Engineering)**

02. EDUCATIONAL BACKGROUND

(I) Educational Institutions Attended With Dates:

- (i) Idikan Baptist Primary School, Ibadan - 1960-1965
- (ii) Kiriji Memorial College, Igbajo - 1968-1972
- (iii) The Polytechnic, Ibadan - 1975-1977
- (iv) University Of Ottawa, Canada - 1978-1982
- (v) University Of Dar-Es Salaam Tanzania - 1986-1988

- (vi) University of Agriculture, Abeokuta - 2002-2009
- (II) Academic and Professional Qualifications with Dates**
- (vii) Primary Six School Leaving Certificate - 1965
- (viii) West African School Certificate - 1972
- (ix) Ordinary National Diploma **OND** - 1977
- (x) Bachelor Of Applied Science (**BASc**) Civil Engineering-1982
- (xi) Master Of Science (**MSc**) (Water Resources Engineering)-1989
- (xii) **PhD** (Water Res. and Environmental Engineering) 2009
- (xiii) International Post Graduate Course In Agromet (Israel)-2003
- (xiv) Member, Nigeria Society of Engineers (MNSE) No 06140 1993
- (xv) Register Engineer, Council for the Regulation of Engineering in Nigeria (COREN) R. 5735, 1994
- (xvi) Associate Member, Canadian Society of Civil Engineers (AMSCE) 1982
- (xvii) Associate Member of Engineering Institute of Canada (AMEIC) 1982
- (xviii) Member International Association of Hydrological Science (IAHS Membership No 7405) 2002

(III) Scholarship Awards

- (i) Federal Government Scholarship (OND Civil Engineering) - 1975-1977
- (ii) FGN/Canadian Government (BASc. Civil Engineering) - 1978 – 1982
- (iii) UNESCO Fellowship (M.Sc. Water Resources Engineering) - 1986-1988

03. WORK EXPERIENCE

(a) Previous Employers/Post held with dates

- (i) Profen Consultants Engineer - 1982-1983
- (ii) Federal Polytechnic, Ilaro, Ogun State Lecturer II - 1983-1991

(b) Present Employment: a) Employer: Federal University of Agriculture, Abeokuta

b) Status: PROFESSOR, 1ST OCTOBER, 2014

(c) Administrative Experience:

- (i) Ag. Head of Department: Department of Agrometeorology and Water Management **1st October, 2001- 1st October 2003**
- (ii) Member of Committee on Establishment of College of Engineering and Technology (COLTEC) and Secretary **July 1999**
- (iii) Pioneer Ag. Head of Department of Water Resources Management and Agricultural Meteorology **2003-2004**
- (iv) Member Senate Committee on Examination Results
- (v) Pioneer Ag. Head of Department of Civil Engineering **2004-2010**
- (vi) Deputy Dean COLENG: 2004
- (vii) Acting Dean COLENG: 2004
- (viii) Member of University SENATE 2001-2009
- (ix) Member of University SENATE 2011- till date
- (x) Member, Works and Services Staff Promotion Panel
- (xi) Member, Library Staff Promotion Panel
- (xii) Member, Special Lectures and Publication Committee
- (xiii) COLERM-Representative in COLAMRUS
- (xiv) Member, College of Engineering Curriculum Drafting Expert
- (xv) Co-opted Member, Adhoc Committee on Establishment of College Engineering
- (xvi) Member House and Space Committee
- (xvii) Member APCAS, 2004
- (xviii) Member of the User's Committee on the construction of building projects in the CENHURD Village, 2009
- (xix) Member COLVET users Committee, 2008
- (xx) Member Zoological Garden Committee, 2008
- (xxi) Member Male and Female Hostel Renovation Committee, 2008
- (xxii) Member Cattle Cooperative Committee, 2007
- (xxiii) Member Biotechnology Laboratory users Committee 2009
- (xxiv) Member Civil Engineering Department users Committee 2009
- (xxv) Member of committee on Assessment of the performance of the contractors handling On-going projects in the University **2009**

- (xxvi) Member Ad-Hoc Committee on Fire Prevention and Management 2007
- (xxvii) External Examiner/Moderator **Civil Engineering Department Moshood Abiola Polytechnic, Abeokuta** 2005-2008
- (xxviii) Examiner for Nigerian Society of Engineers Corporate Membership Examinations for Abeokuta Centre. **2008-Till Date**
- (xxix) External Examiner/Moderator Federal Polytechnic, Ilaro **2009-Till Date**
- (xxx) Chairman Management Committee on Transportation (**MANCOT**) **2011**
- (xxxi) **Deputy Dean Student Affairs 2011-2014**
- (xxxii) **Chairman**, Implementation Committee on SUB rehabilitation
- (xxxiii) **Chairman**, Committee of Indigent Students Work-Study Scheme
- (xxxiv) Member Student Welfare and Hostel Management Committee (SWEHOMAC)
- (xxxv) Member Ad Hoc Committee on Amicable Settlement of Accident Matter
- (xxxvi) **Chairman**, Committee on Electric Shuttles for Mass Transit in the University (CESMAST) 2014
- (xxxvii) Senate Representative on the Physical Planning and Capital Works Committee of the University
- (xxxviii) Programme Leader, Environmental Systems and Climate Change, Centre of Excellence In Agricultural Development and Sustainable Environment (CEADSE) World Bank. 2018 till date
- (xxxix) Coordinator, Southwest Regional Centre For National Water Resources Capacity Building Network (NWRCBNet) 2019 till date
- (xl) **Chairman**, Mock Resource Verification Team to Department of Geology
- (xli) **Chairman**, Committee On the Review Of Rules and Regulations for both the Senior and Junior Staff of the University

External Examiner

- (i) External Examiner/Moderator Civil Engineering Department Moshood Abiola Polytechnic, Abeokuta
- (ii) Examiner for Nigerian Society of Engineers Corporate Membership Examinations for Abeokuta Centre.
- (iii) External Examiner/Moderator Federal Polytechnic, Ilaro

(d) Courses Taught		
Undergraduate		
(i)	AMW 301 Surface Hydrology	2 Units
(ii)	AMW 305 Hydraulics I	2 Units
(iii)	AMW 307 Water Resources Of Nigeria	2 Units
(iv)	AMW 304 Hydraulics II	3 Units
(v)	AMW 306 Water Supply Engineering	2 Units
(vi)	AMW 501 Hydro-Meteorological Forecasting I	2 Units
(vii)	AMW 502 Hydro-Meteorological Forecasting II	2 Units
(viii)	AMW 709 Open Channel Hydraulics	3 Units
(ix)	AMW 710 Hydrometry	3 Units
(x)	CVE 303 Hydraulics I	3 units
(xi)	CVE 309 Civil Engineering Materials	2 Units
(xii)	CVE304 Hydraulics II	2 Units
(xiii)	CVE513 Introduction to Urban and Regional Planning	3units
(xiv)	CVE 516 Waste Management Engineering	3 Units
(xv)	CVE 502 Irrigation & Drainage Engineering	3 Units
Post graduate		
(xvi)	CVE 743 Advanced Surface Hydrology	2 Units
(xvii)	CVE 749 Water Distribution Systems	2 Units

(e) Other Work Experiences/Practical and Consultancy Experience

- (i) Detail Study, Design and supervision of Construction of an earth Fill Dam for Federal Polytechnic, Ilaro - 1989-90
- (ii) Full scale studies and design of suitable measures to

control flooding potential of Oora Stream, Ilesa –Profen Consultants- 1991

- (iii) Reconnaissance Survey of Fadama Development Potential of Ondo State - A World Bank/FACU/ADP Project - 1993
- (iv) World Bank Multistate Water Project Ogun State Feasibility Studies and Preliminary Design of Water Supply Schemes to 17 centres covering all Local Government areas. Surface water quality appraisal of major streams in the state. Seurca – Ultrasystems Nig. Ltd. - 1993/94
- (v) Asejire Dam Monitoring and Hydrological Analysis of Osun Basin (SGI, Ibadan) - 1995
- (vi) Senior Hydrogeologist/Assistant Project Manager (**Sabbatical Leave**) Parkman Nigeria Limited. Baseline Survey for National Rural Water Supply Programme (PTF-NRWSP) in Ogun State. This includes both the technical and socio-economic survey. The Baseline Survey Report defines scope of work through identification of 400 project locations, which form basis for subsequent award of drilling and rehabilitation of some existing wells fitted with hand-dug-wells, boreholes and rehabilitation of some existing wells fitted with hand pump, with emphasis on community participation. -1998/1999
- (vii) Member Presidential Policy Advisory Committee Rural Development and Poverty Alleviation. - 1999
- (viii) Visiting Lecturer Civil Engineering Department, University of Ibadan Feb. 2010-Feb. 2011
- (ix) Visiting Lecturer Civil Engineering Department, Osun State University, Osogbo. March 2017-May. 2018.

04. SPECIAL ASSIGNMENTS/COMMUNITY SERVICE

- (i) Member Executive Committee, Ibara Baptist Church, Abeokuta
- (ii) Chairman, Building Committee, Ibara Baptist Church, Abeokuta
- (iii) Member Prayer Committee, Ibara Baptist Church, Abeokuta

05. TRAINING PROGRAMME ATTENDED (with dates)

- (i) Technical Teacher Training Workshop - 1989
- (ii) Polytechnic Management Workshop - 1990
- (iii) Staff Development Workshop - 1990
- (iv) International Seminar on Performance of Large and Small Scale Irrigation Schemes in Africa. (Abuja, Nov. 1999) - 1999
- (v) International Post Graduate Course In Agromet (Israel)- 2003

vi) Participant, Training Workshop for e-Content Development for Science and Engineering Staff on 23rd – 28th June, 2008 at the ICT Corporate Laboratory, University of Nairobi, Kenya, by United Nation Educational, Scientific and Cultural Organizations (UNESCO) and African Network of Scientific and Technological Institutions (ANSTI).

(vi) Diploma in “Transport Planning, Development and Management, Galilee International Management Institute, ISRAEL.(2013).

06. COMMENDATION

(i) Letter of Commendation and Appreciation from Acting Vice-Chancellor 17th May, 2007

(ii) Letter of Appreciation from Vice-Chancellor 25th March, 2008

(iii) Commendation from Dean, COLENG 10th July, 2008

(iv) **Vice Chancellor’s Productivity Award, June, 2014**

07. MEMBERSHIP OF PROFESSIONAL BODIES

(i) Member, Nigeria Society of Engineers (MNSE) No 06140 1993

(ii) Registered Engineer, Council for the Regulation of Engineering in Nigeria (COREN) R.5735, 1994

(iii) Associate Member, Canadian Society of Civil Engineers (AMSCE) 1982

(iv) Associate Member of Engineering Institute of Canada (AMEIC) 1982

(v) Member International Association of Hydrological Science (IAHS Membership No 7405) 2002

08. RESEARCH INTEREST

(i) Discharge Calibration of Streams within UNAAB

(ii) Groundwater Level Fluctuations and Physico-Chemical Analysis of Shallow Aquifers: A Case Study of UNAAB

(iii) Assessment of Daily Lake Level Variation For Determination of Climate Change: A Case Study of Oyan Dam, Southwestern, Nigeria (In progress)

09. PUBLICATIONS

a) Dissertations/Thesis

(i) **O.S. Awokola** (1989) MSc
Hydrologic Study of Flooding of District Roads in Kilosa District, Tanzania. Unpublished M.Sc. Dissertation, University of Dar-Es-Salaam, Tanzania

(ii) **O.S. Awokola** (2009) PhD

Regional Flood Frequency and Erosion Rate Estimation From Hydraulics and Hydrologic Parameters In Ungauged Basing of South western Nigeria. Unpublished PhD Thesis , University of Agriculture, Abeokuta, Nigeria.

b) **Articles In Learned Journals**

- 1) Martins, O. and **Awokola, O. S.** (1996): Total Dissolved Solids of Selected Rivers in South-Western Nigeria. *Journal of Mining and Geology* vol. 32 1996 No.2 pp 113-119. Published by Nigerian Mining and Geosciences Society (NMGS)- Printed in **Nigeria**.
- 2) **Awokola, O. S.** and Martins, O. (1996): Use of Hydraulic Parameter in Estimating Erosion Rate. A Case Study of Ogburu Gully, Ilaro, Ogun State. *Journal of Nigerian Society of Engineers. NSE Technical Transactions* Vol. 31. No.4, pp76-79. Published Quarterly by The Nigerian Society of Engineers.
- 3) **Awokola, O. S.** and Martins, O. (2001): Regional Flood Frequency Analysis for Osun Drainage Basin South Western Nigeria. *Nigerian Journal of Science* (Vol. 35, No 1 (2001) pp37-44. Published by the Science Association of **Nigeria**.
- 4) **Awokola, O. S.** (2001): Regional Flood Frequency Analysis for Ogun Drainage Basin, South Western Nigeria *Journal of Env. Res. Management* NJERM. (Vol. 1 (1), 2001) pp 1-10). Published by College of Environmental Resources Management of the University of Agriculture, Abeokuta, **Nigeria**
- 5) Martins, O; **Awokola, O. S.**; Bolaji, G. A. & O. A. Idowu (2001): Input of Solutes and Sediments from Rivers into a Tropical Coastal Area, South-West Nigeria. *Nigerian Journal of Science* (Vol. 35, No 2 (2001) pp 139-144. Published by the Science Association of **Nigeria**.
- 6) **Awokola, O. S.** (2002): Assessment of Gully Erosion from Coastal Plain Sands of Ogburu, Ilaro, Ogun State. *Global Journal of Environmental Sciences* (Vol.1, No, 2002) pp 27-34 Published by Global Journal Series, University of Calabar, Bachudo Science Ltd. Printed in **Nigeria**.
DOI: <http://dx.doi.org/10.4314%2Fgjes.v1i1.2394> , <http://dx.doi.org/10.4314/gjes.v1i1.2394>
- 7) **Awokola, O.S** (2002): Regional Rainfall Intensity Duration Frequency (IDF) Analysis for Southern Nigeria. *Nigerian Journal of Science* (Vol. 36 No.1, 2002) pp 17-27 Published by the Science Association of **Nigeria**.
- 8) **Awokola, O. S.** (2003): Prediction of Mean Annual Flood (MAF) for Ogun Drainage Basin, South Western, Nigeria. *Global Journal of Pure and Applied Sciences*, Vol.9, No.1. 2003, 13-18. Published by Global Journal Series, University of Calabar, Bachudo Science Ltd. Printed in **Nigeria**.

- 9) **Awokola, O. S.** (2003): Derivation of Rating Equations for Gauged Rivers in Osun Drainage Basin, South Western Nigeria. *ASSET Series A* (2003) 3(3): 139-148. Published by University of Agriculture, Abeokuta, **Nigeria**.
- 10) **Awokola, O.S.** (2003): Prediction of The Effect of Slope And Run-Off on Erosion Rate. *ASSET Series B* (2003) 2 (2): 39-49. Published by University of Agriculture, Abeokuta, **Nigeria**.
- 11) **Awokola, O. S.** (2004): Derivation of Rainfall Intensity-Duration-Frequency (IDF) Equations for Selected Locations In Southern Nigeria. *NSE Technical Transactions*, Vol 39 No2 April/June 2004: 1-17. Published Quarterly by The Nigerian Society of Engineers.
- 12) **Awokola, O. S.** (2004):The Estimation of Daily Storm Rainfall of Different Return Periods for Kilosa District, Tanzania. *Nigerian Journal of Science*. (Vol. 38, (2004) 105-113. Published by the Science Association of **Nigeria**.
- 13) **Awokola, O. S.** (2005): Derivation of Rainfall Intensity-Duration-Frequency (IDF) Equations for Southern Nigeria. *Nigerian Journal of Science* Vol.39 (2005) 163-167. Published by the Science Association of Nigeria.
- 14) **Awokola, O. S.** (2005): Estimation of Mean Annual Flood (MAF) of Ogun Drainage Basin With Geometric Characteristic. *Nigerian Journal of Science* Vol. 39 (2005) 153-161. Published by the Science Association of **Nigeria**.
- 15) Sobowale, S.S., Sobukola, O.P., Shittu, T.A., Awonorin, S.O. Sanni, L.O.,**Awokola, O.S.** and Aina, O.M. (2005): Analysis of heat transfer during reconstitution of Gari Granules into a Paste. *ASSET Journal, Series B*, 4 (1):15-26. Published by University of Agriculture, Abeokuta, **Nigeria**
- 16) O. A. Morawo and **O. S. Awokola** (2006): Modeling of runoff In Bodija Stream, Ibadan Nigeria. *Science Focus* (Vol. 11(1) 2006 pp91-102. An International Journal of Biological and Physical Sciences. Published by The Faculty of Pure an Applied Sciences Ladoke Akintola University of Technology, Ogbomosho, **Nigeria**
- 17) Ufoegbunene, G.C, Adeofun, C.O., Awomeso, J.A. and **Awokola, O.S** (2007): Land- use change detection of eleiyele and its environs using remote sensing technique. *Journal of Tropical Forest Resources* Vol. 23, pp 29-37.Published by University of Ibadan, **Nigeria**.
- 18) Coker, A.O., **Awokola, O.S.**, Olomolaiye, P.O and Booth, C. (2008): Challenges of urban housing quality and its associations with neighbourhood environments: insights and experiences of Ibadan City, Nigeria. *Journal of Environmental Health Research*, 7 (1). Pp. 21-30. ISSN 1476-0932. Published by Chartered Institute of Environmental Health, **London**.
URL is http://www.cieh.org/JEHR/challenges_urban_housing.html

- 19) Adeofun, C.O., Gbadebo, A.M., Oladejo, L.O and **Awokola, O.S.** (2008): Effects of dredging activities on the physico-chemical, flora and fauna characteristics of Ogunpa and Ogun rivers, Southwestern Nigeria. *Botswana. J. Agric. Appl. Sci.* Vol.4 No 2 2008: 168-175. Published by the Botswana College of Agriculture, An Associate Institution of the University of Botswana, **Botswana**
- 20) **Awokola, O.S.**, Coker, A.O., Fuller, M.A. and Booth, C.A. (2009): Use of Limited Hydrological Data and Mathematical Parameters for Catchment Regionalization: A Case Study of the Osun Drainage Basin, Nigeria, *Aquaterra Journal of African Water Resources and Environment.* 3 (1), 13-22. Published by PanAfrican Consulting, UK **London**
URI: <http://hdl.handle.net/2436/81700>
<http://wlv.openrepository.com/wlv/handle/2436/81700>
- 21) **Awokola, O.S.**, Coker, A.O. (2009): Use of Forecasting Model for Hydrometric Analysis: A Case Study of the Osun Drainage Basin, Southwestern Nigeria. *International Journal of Engineering. India.* Vol.3, No.3, 291-300. Published by Materials and Energy Research Center, **India.**
- 22) **Awokola, O.S.**, O. Adebisi, A.Y. Sangodoyin, N.J. Bello and A.O. Coker. (2010): Derivation of Regional Flood Frequency Curve and Equation for Ogun Drainage Basin In South Western Nigeria. *Journal of Engineering Research* Vol.15, No. 1, 55-68. Published by The Faculty of Engineering, University of Lagos, **Nigeria**
- 23) **Awokola, O.S.** (2010): Estimation of Flood Quantiles using Extreme Value Type 1 (EV1) Distribution for Osun Drainage Basin, Southwestern Nigeria. *Journal of Engineering Research, University of Lagos* ,Vol.15, No2, (2010), pp 37-52. , Published by The Faculty of Engineering, University of Lagos, **Nigeria**
- 24) **Awokola, O.S.** (2011): Derivation of Equations To Predict Shear Stress And Erosion Rate of Gully Erosion Site In Ogun State, South Western, Nigeria. *Journal of Natural Sciences, Engineering and Technology*, Tech. **UNAAB**, 10(1) : 147-162. Published by Federal University of Agriculture, Nigeria
- 25) Adeofun C.O., Oyedepo J.A. and **Awokola, O.S.** (2011) Environmental Impact Assessment of Sand dredging and land Reclamation in Lagos Coastal Areas. *Journal of Engineering and Environmental Studies (OOU JEES)*, vol.2, no1, 2011, pp 29-36. Published by College of Engineering and Environmental Studies, Olabisi Onabanjo University, Ogun State Nigeria
- 26) Olukayode D. Akinyemi, Yemi S. Onifade, Biodun S. Badmus and **O.S. Awokola** (2012) Determination of Thermal Properties of Rock Samples Using Modified Thermal Block Method. *Open access e-Journal Earth Science India*, vol.5 (II), pp.38-50. Published by The Society of Earth Scientist, **India**

- 27) Ojo, O.O.S. and **O.S. Awokola (2012)** Determination of Groundwater Physico-chemical Parameters of Shallow Aquifers in Agbowo and Ajibode Communities in Oyo State, Southwestern Nigeria. *International Journal of Engineering Research and Development*, e-ISSN: 2278-067X, p-ISSN:2278-800X, www.ijerd.com Volume 3, Issue 5 , pp10-23. **INDIA**
- 28) Ikotun, O.O. and **Awokola, O.S. (2012)** Investigation of Physico-Chemical Characteristics of Shallow Aquifer Around Dumpsites: A Case Study of Kajola, Agbowo Dumpsites, At Ibadan, Oyo State, South Western Nigeria. *International Journal of Engineering Research & Technology (IJERT)* ISSN:2278-0181, Vol.1 Issue 6 pp1-13, **INDIA**.
- 29) Olukayode D. Akinyemi, J.A. Adegoke, M.A. Salam, B.S. Badmus and **O.S. Awokola (2013)** Charactizing Buried Metallic Objects in Porous Media from Attenuation Fluctuations. *Asian Journal of Earth Sciences* 6(1):24-31, 2013 ISSN 1819-1886/ DOI:10.3923/ajes.2013.24.3. URL:<http://scialert.net/abstract/?doi=ajes.2013.24.31> **MALASIA**
- 30) **Awokola, O.S.**, Maku Olakunle, and O.D. Akinyemi (2013) Derivation of Equations for Ground Level, Water Surface Depth and Well Depth and Determination of Flow Directions of Shallow Aquifers. *American Journal of Engineering Research (AJER)*. E-ISSN: 2320-0936, Volume 02, Issue 11, pp98-103. **USA**
- 31) M.S. Awopetu., R.G. Awopetu, E.D. Sample, A.O. Coker, **O.S. Awokola**, M.A. Fullen. C.A. Booth and F.N. Hammond (2014) Municipal Solid Waste Management and The Role of Waste-Pickers In Nigeria. *International Journal of Education and Research*, ISSN: 2201-633 (Print), ISSN: 2201-6740 (Online). Vol. 2 No. 3 March 2014 pp 1-12. Published by Contemporary Research Center, **Australia**
- 32) D.I. Shobayo, I.A. Adejumobi, **O.S. Awokola** and A.T.Akinwale (2014) An assessment of the small hydro potential of Opeki River, southwestern Nigeria. **Science Journal of Energy Engineering, 2014; 2(3): 25-31.** <http://www.sciencepublishinggroup.com/j/sjee> doi:10.11648/j.sjee.20140203.12. Published by Science Publishing Group **USA**
- 33) Olubayode S. A, Olateju O.T, **Awokola O.S**, Dare E.O, Akinwamide J.T and Eshiett I.M (2015) Engineering Properties of Sawdust Modified Clay Soil. *Int. J. App. Biosci.* 3(5):35-41 (2015). ISSN:2320-7051. DOI:<http://dx.doi.org/10.18782/23-7051.2118>. www.ijpab.com.
- 34) S.A. Olubayode, **O.S. Awokola**, E. O. Dare and O.T. Olateju (2016). Suitability of Some Selected Clay Deposit from Edo, Ogun, Ondo and Ekiti State of Nigeria for Ceramic Water Filter Production. *Journal of Minerals and Materials Characterization and Engineering*, 2016,4, 26-32. <http://www.scirp.org/journal/jmce> <http://dx.doi.org/10.4236/jmmce.2016.41003>
- 35) S.A. Olubayode, **O.S. Awokola**, E. O. Dare and O.T. Olateju (2016). Suitability of Selected Nigeria Clay Deposit for Production of Clay Based Ceramic Water Filters. *American*

Chemical Journal 12(3): 1-7, 2016, ISSN:2249-0205. DOI: 10.9734/ACSJ/2016/23175.

- 36)** S.A. Olubayode, T.C. Ezewanfor, **O.S. Awokola**, E. O. Dare and O.T. Olateju (2016). Analysis and Characterization of Selected Clay from South-West Nigeria for Ceramic Filters Application. *British Journal of Applied Science and Tecnology* 14(5): 1-7, 2016. ISSN:2231-0843, NLM ID: 101664541. DOI: 10.9734/BJAST/2016/23128.
- 37)** Adekunle, A., **Awokola, O.**, Oluwasanya, G. and Laniyan, A. (2016) Hydro-chemical Studies for Pollution Assessment: A case Study. **Leorardo Journal of Sciences**. Vol. 29 (2) 87 – 98. Published by Technical University of Cluj- Napaco. Romaina.
- 38)** Komlan Koudahe, Adewumi J. kayode, **Awokola O. Samson**, Adekunle A. Adebola, Koffi Djaman (2017) Trend analysis in standardized precipitation index and standardized anomaly index in the context of climate change in Southern Togo, **Vol. 7 No. 3 of July issue 2017** in *Atmospheric and Climate Sciences*
- 39)** Koudahe K, Koffi D, Kayode J.A, Awokola S.O and Adebola A.A (2018) Impact of Climate Variability on Crop Yields in Southern Togo, *Environment Pollution and Climate Change* ISSN: 2573-458X 2:1 DOI: 10.4172/2573-458X.1000148
- 40)** Abolanle E. Odusanya, Bano Mehdi, Christoph Schürz, Adebayo O. Oke, **Olufiropo S. Awokola**, Julius A. Awomeso, Joseph O. Adejuwon and Karsten Schulz (2018) Multi-site calibration and validation of SWAT with satellite-based evapotranspiration in a data sparse catchment in southwestern Nigeria. *Hydrol. Earth Syst. Sci. Discuss.*, <https://doi.org/10.5194/hess-2018-170> Manuscript under review for journal *Hydrol. Earth Syst. Sci. Discussion* started: 23 April 2018
- i).** Bolaji, G. A., **O. S. Awokola**; A. M. Gbadebo & O. Martins (2000): Movement of Minerals and Nutrients from River Basins of South Western Nigeria into Atlantic Ocean. Paper presented at the 1st African Global Change Workshop on River Catchment at Coastal Sea Interaction and Critical Loads. UNEP-Nairobi, Kenya 25-27 July 2000.
- ii).** **Awokola, O. S.** & Akihanmi, A. A. (2004): Assessment of Spatial Variation of Water Demand and Scarcities in Ekiti State, South Western Nigeria. Proceedings of a Conference on Climate and Water Resources In The 21st Century: Challenges for Food Security and Health. Held on 16-18 November 2004, Edited by Editorial Committee of Nigerian Meteorological Society (NMS). November 2004. pp1-9.
- iii)** **Awokola, O.S (2005):** Private Sector Participation In Water Engineering Projects. Prepared and presented for the NSE National Workshop on Public Private Partnership In Public Infrastructures Procurement and Maintenance, November 2005 .
- (vi)** Sobowale, A., J.K. Adewumi, **O.S. Awokola**, O.A. Bamgboye, D. Bashir and A.N. Egbunlem (2011): Towards Integrated Water Resources Management In South

West Nigeria: The Role of Capacity Building Institutions (CBIS). 2nd National Water and Sanitation Conference, Kaduna. Water and Sanitation Sector Reform. Pp 303-311

e) Technical Report

- (i) Presidential Policy Advisory Committee Sub-Committee on Rural Development and poverty Alleviation. May 1999, pp 203-229
- (ii) Introduction to Consultancy Practice. A paper delivered at The Refreshers’ workshop for intending corporate members of the Nigerian Society of Engineers, Held at Simeon Adebo Library, Abeokuta. March 2009
- (iii) Preparation of Bills and Cost Estimates. A paper delivered at The Refreshers’ workshop for intending corporate members of the Nigerian Society of Engineers, Held at Simeon Adebo Library, Abeokuta. March 2009
- (iv) Cost and Valuation Engineering. Presented at A-3 Day Compulsory Refresher Course for Prospective Corporate Members of NSE. Held at University of Ibadan Conference Hall. March 2009

11. INFORMATION ON FELLOWSHIP, MASTER’S PROJECTS AND PH.D THESIS SUPERVISED:

S/No	Title of Thesis	Name of Student	Date/Year of Commencement	Status (Completed/Ongoing)	Sole/Collaborative Supervision
1	Assessment of Band Saw Processed Logs	Jimoh, Ibrahim Olayinka (140580) University of Ibadan M.Sc	2010	Completed	Sole
2	Assessment of Packaged Water in Ibadan Metropolis South Western Nigeria.	Borokini Olayemi Bayole (142029) University of Ibadan M.Sc	2010	Completed	Sole
3	Determination of groundwater level fluctuations and physico-chemical parameters of shallow aquifers in agbowo and ajibode communities in oyo state, southwestern Nigeria	Ojo, Olukayode (152824) University of Ibadan M.Sc	2010	Completed	Sole
4	Investigation of physico-chemical characteristics of shallow aquifer around a dumpsite: A case study of Kajola dumpsite, Agbowo, Ibadan, Oyo state, South Western Nigeria.	Ikotun Olalekan (153848) University of Ibadan M.Sc	2010	Completed	Sole
5	Evaluation and Forecasting of Water Demand in Abeokuta,	Oyerinde A.O (PG 10/0118) M.Eng. FUNAAB	Ready for oral Examination	Ready for oral Examination	Major

	South-Western, Nigeria				
6	The effects of Grain Size of Silica Sand on Sodium Silicate Glass Quality	Adeniji, Taiwo Adefemi (PG10/0257) M.Eng.	Completed	Completed	Co-Supervisor
7	Assessment of Changes in Spatial Extent of Eleyele Lake Area in Ibadan Using Satellite Remote Sensing	TOPE_AJAYI, Opeyemi Oluwaseun (PG11/0415)	Completed	Completed	Co-Supervisor
8	Optimum Site Assessment For Small Hyro-Power Development	Shobayo, Dele Innocent (PG09/0169) M.Eng	Completed	Completed	Co-Supervisor
9	Derivation of flood analysis models and their environmental effects on Eriti Watershed, South-Western Nigeria	Adebayo, Matthew Gbolagade (PG.97/0002) PhD	2011	On-going	Major
10	Evaluation of Thermal Properties of some porous media using Block Method.	Onifade, Yemi Sikiru (PG08/0273) PhD	2008	Completed	Co-Supervisor
11	Determination and evaluation of Hydrology Coefficients of Five Different Soils in Gidan Kwano Area of Niger State.	Musa, john Jiya (PG08/0047) PhD	Completed	Completed	Co-Supervisor
12	Design, Fabrication and Evaluation of Durable Porous Clay Water Filter.	Olubayode, Smart Adeleye (PG12/0210)	2012	On-going	Co-Supervisor

PROPOSED RESEARCH TOPICS FOR PG CENTRE OF EXCELLENCE IN AGRICULTURAL DEVELOPMENT AND SUSTAINABLE ENVIRONMENT (CADESE) STUDENTS

1. Impacts of climate and land-use changes on floods in an urban catchment in Southwest, Nigeria
2. Hydrometeorological modelling for Sothweatern Nigeria
3. Hydro-climatic variability in Ogun Osun basins: comparative analysis of temperature, rainfall and runoff regimes
4. Impacts of climate changes on rainfall and lake levels: A case study of Oyan Dam, South-western Nigeria.

REFEREES

Name and Address

Phone Number

**Prof. J.K. Adewumi
Department of Agricultural and Bio-
Resources Engineering
University of Agriculture,
Abeokuta.**

08037035908

**Prof. G.A. Adegboyega
Electrical Engineering Department
OAU, Ile-Ife**

08034045186

**Prof. S.A. Oluwalana
Department of Forestry and Wildlife
University of Agriculture,
Abeokuta**

08037158086

08020974027

SIGNATURE

DATE