

CURRICULUM VITAE

A PERSONAL PARTICULARS

NAME: UFUAH Emmanuel
DATE OF BIRTH: October 09, 1973
SEX: Male
MARITAL STATUS: Married
CONTACT ADDRESS: 10 Emmanuel Ufuah Boulevard, off General
hospital Road, Uwenbo-Iruekpen
TELEPHONE: 07011685343
E-MAIL: ejetrev@yahoo.com
LOCAL GOVT. OF ORIGIN: Esan North East
NATIONALITY: Nigerian
POSTAL ADDRESS: Civil Engineering Department, Ambrose Alli
University, P.M.B. 14, Ekpoma

B SCHOOLS ATTENDED WITH DATES

1. 2008-2012 The University of Manchester, Manchester, England
QUALIFICATION: PhD(Civil Engineering - Structural & Fire Engineering)
2. 2002-2003 University of Benin, Benin
QUALIFICATION: M.Eng (Structures); Passed with ***Distinction(Grade A)***
3. 1993-1998 Edo State University, Ekpoma
QUALIFICATION: B.Eng (Civil Engineering); Passed with ***2¹***
4. 1986-1991 Annunciation Catholic College, Irrua
QUALIFICATION: Senior School Certificate Examination, (S.S.C.E)
5. 1979-1985 Okpujie Primary School, Uromi
QUALIFICATION: First School Leaving Certificate

C JOB EXPERIENCE

1. Senior Lecturer: Ambrose Alli University, Ekpoma (2013-Date)
2. Teaching Assistant: The University of Manchester, Manchester (2009-2012)
3. Lecturer I: Ambrose Alli University, Ekpoma (2007-2013)
4. Lecturer II: Ambrose Alli University, Ekpoma (2004-2007)
5. Graduate Assistant: Ambrose Alli University, Ekpoma (2000-2004)
6. National Youth Service Corps (NYSC); 2000
7. Pile Foundations, Nigeria, Warri (Industrial Attachment/Training); 1997
8. Niger Cat Construction Company, Warri (Industrial Attachment); 1996

D THESIS/DISSERTATION

1. Fundamental Behaviour of Offshore Platform Steel Decks under Running Pool Fires (Ph.D)
2. The Use of Agricultural Wastes in Concrete Manufacture (M.Eng)
3. Design of a Reinforced Concrete Jetty (B.Eng)

E COURSES TAUGHT

Strength of Materials I & II, Structural Analysis I & II (Determinate and Indeterminate Structures), Reinforced Concrete Design, Theory of Elasticity, Theory of Plasticity, Numerical and Matrix methods of Structural Analysis, Steel Design and Prestressed Concrete Design

F ADMINISTRATIVE EXPERIENCE:

1. Ag. Head of Department, Civil Engineering, Ambrose Alli University, Ekpoma: (November 2015-Date)
2. Member: Investigation Panel on the Observed Irregularities in the Reserved Prices of the Presidential NEEDS Assessment Projects in Ambrose Alli University, Ekpoma and the Presence of Erylaston International Limited in place of Best Trust Limited during the Opening of Bids (November 2015)

3. Member: Committee that Investigated the Fire Outbreak in the Department of History and International Studies (April 2015)
4. Sub Dean, Faculty of Engineering & Technology, Ambrose Alli University, Ekpoma: (March 2014-November 2015)
5. Assistant Hall Warden for Onyearegbulem (Male) Hostel: (2004-2006)
6. Departmental Examination Officer: (2003-2005)

G SCHOLARSHIP/AWARD:

1. First prize winner of Venture-Out Centre for Excellence in Enquiry-Based Learning (CEEBL) Award Competition, The University of Manchester, 2008
2. Petroleum Technology Development Fund (PTDF) Scholar for PhD Research representing Edo State; 2008-2012
3. Best graduating student (Civil Engineering, University of Benin); 2002/2003
4. Best graduating student (Civil Engineering, Edo State University); 1998/1999

H PROFESSIONAL QUALIFICATION:

1. Member, Nigerian Society of Engineers (MNSE) - Reg. No.: 15420
2. Member, Institute of Fire Engineers (MIFE), UK - Reg. No.: 00048746
3. Member, Society of Fire Protection Engineers (MSFPE), USA - Reg. No.: 076940
4. Member, International Association of Engineers (MIAENG), Hong Kong- Reg. No.: 112942
5. Registered Engineer (COREN) - Reg. No.: R.12,358

I DESIGNS/PATENTS:

1. UFUAH, E. & OTAIGBE S. (2014): An integrity test of the effluent pipeline for Coca Cola Plant Nigeria Plc, Benin.
2. UFUAH, E. & OTAIGBE S. (2014): An integrity test of the effluent pipeline for Guinness Plant Nigeria Plc, Benin.

3. UFUAH, E. (2013): An integrity test and redesign of a balcony in a structural building for Mr. Gideon Obhakhan at Emaudo, Ekpoma, Edo State
4. UFUAH, E. (2006): Structural design of a Catholic Church building at Abia-Iruekpen, Edo State
5. UFUAH, E. (2004): Structural design of a Cathedral (Baptist Church), off New Agbor Road, Uromi, Edo State
6. UFUAH, E. (2001): Structural design of a Duplex for Dr. Sylvester Okojie at Uromi, Edo State
7. UFUAH, E. (2001): Structural design of a residential storey building for Mr. Duze at Ewu, Edo State

J PUBLIC LECTURES:

1. UFUAH, E. (2003): Career prospect in Engineering held at Lumen Christi Secondary School, Uromi, Edo State
2. UFUAH, E. & ITOTOH J. O. (2003): Anti-social vices (The youth and the society) held at Uromi Town Hall, Uromi, Edo State

K CONFERENCE/WORKSHOP:

1. Continuing Professional Development Seminar on Design of Structures against Hydrocarbon Fires, Fire and Blast Information Group (FABIG), held at Aberdeen University, Aberdeen, March 26, 2009
2. First International Conference on Sustainable Development, International Research and Development Institute, held on November 14 - 15, 2007 at the indoor theatre, University of Abuja, F. C. T.
3. ETF- sponsored AutoCAD Training for Tertiary Institutions, July 24 –August 04, 2006
4. National Engineering Conference and Annual General Meeting held in Kano from December 05 - December 08, 2005

5. Duties of Supervising Engineers in Road Construction and Maintenance Projects held in Abuja from November 03 - December 02, 2004

L PUBLISHED PAPERS:

1. UFUAH, E. (2014) "Analyses of the effects of fire type on the response of steel structures subjected to accidental loadings", 7th European Conference on Steel and Composite Structures, EUROSTEEL 2014. European Convention for Constructional Steelwork, CECM & EKS, September 10 - 12 2014, Napoli, Italy.
2. E. UFUAH, Y. H. TASHOK & J. E. IKHAYERE (2013) "Strength and deformation capacities of simple floor steel beams under various protection schemes in fire conditions", (Proceedings of the World Congress on Engineering and Computer Science WCECS 2013, 23-25 October, 2013, San Francisco, USA), Published in Journal of Lecture Notes in Engineering and Computer Science, Vol. 2208(1), pp. 955-959.
3. UFUAH, E. & TASHOK H. T. (2013) "Behaviour of stiffened plates subjected to accidental loadings", Engineering Letters, Vol. 21(2), pp. 95-100.
4. UFUAH, E. & IKHAYERE, J. (2013) "Elevated temperature mechanical properties of Butt-welded connections made with high strength steel grades S355 and S460M", Design, Fabrication and Economy of Metal Structures, International Conference Proceedings 2013, Miskolc, Hungary, April 24-26, pp. 407-412, Springer, ISBN: 978-3-642- 36691-8(eBook); 978-3-642-36690-1(Print).
5. UFUAH, E. (2012) "The behaviour of stiffened steel plated decks subjected to unconfined pool fires", (Proceedings of the World Congress on Engineering and Computer Science WCECS 2012, October 24-26, 2012, San Francisco, USA), Published in Journal of Lecture Notes in Engineering and Computer Science, Vol. 2201(1), pp. 1253-1258.
6. UFUAH, E. (2012) "Characterization of elevated temperature mechanical properties of Butt-welded connections made with HS steel grade S420M", (Proceedings of the World Congress on Engineering WCE 2012, July 4-6, 2012, London, U.K.),

Published in Journal of Lecture Notes in Engineering and Computer Science, Vol. 2199(1), pp. 1755-1760.

7. UFUAH, E. (2011) "A performance based fire analysis of simple beams supporting non-structural concrete slabs", (Proceedings of the World Congress on Engineering WCE 2011, July 6 - 8, 2011, London, U.K.), Published in Journal of Lecture Notes in Engineering and Computer Science, Vol. 2192(1), pp. 2031-2035.
8. UFUAH, E. & BAILEY, C. G. (2011) "Flame radiation characteristics of open hydrocarbon pool fires", (Proceedings of the World Congress on Engineering WCE 2011, July 6 - 8, 2011, London, U.K.), Published in Journal of Lecture Notes in Engineering and Computer Science, Vol. 2192(1), pp. 1952-1958.
9. UFUAH, E. & BAILEY, C. G. (2011) "Performance of offshore platform deck under running pool fire", 6th European Conference on Steel and Composite Structures. European Convention for Constructional Steelwork, pp. 1635-1640, August 31 - September 02 2011, Budapest, Hungary.
10. EHIGIATOR, O. A. & UFUAH, E. (2008) "Variability and error estimation in rainfall kinetic energy content over a small tropical watershed in South-Western Nigeria", Proceedings of the 2nd International Conference on Scientific Industrial Studies, University of Lagos, Nigeria, March 12-13, Vol. 2(1), pp. 51-60.
11. EHIGIATOR, O. A. & UFUAH, E. (2007) "Systematic variation of soil infiltration characteristics in the covered catchment of Ozalla in South-Central Nigeria", Jour. of Environmental Research and Policies, Duncan Science Publication, Calabar, Vol. 3(1), pp. 114-120.
12. EHIGIATOR, O. A., UFUAH, E. & EDEGBELE, J. G. (2007) "Moisture retaining capacity of Edo central soil using Ibiekuma watershed as a case study", Environmental Research Digest, Vol. 2(1), pp. 21-25.
13. EHIGIATOR, O. A. & UFUAH, E. (2007) "Stability of structures under shakedown load", Inter. Jour. of Engineering, A Publ. of the International Centre for Advanced Studies, Duttapukur, West Bengal, India, Vol. 1(1), pp. 7-19.

14. EHIGIATOR, O. A. & UFUAH, E. (2007) "An assessment of the aquifer system and groundwater exploitation within the Ishan plateau, Edo State. Journal of Research in Engineering, International Research and Development Institute, Uyo, Vol. 4(2), pp. 65-70.
15. UFUAH, E., EHIGIATOR, O. A. & ASOVWE, T. E. (2006) "Quality control in concreting: An investigation of concrete hardstand construction at SPDC industrial area. Ogunu, Warri", The Built Environment Journal. Vol. 2(1), pp. 66-72.
16. UFUAH, E. & ALUTU, O. E. (2005) "The effect of agricultural waste ashes on concrete strength", The Built Environment Journal. Vol. 1(2), pp. 21-32.

M RESEARCH PAPERS IN PROGRESS:

1. UFUAH, E. "On the prediction of localised, open fire model"
2. UFUAH, E. "Development of temperature-time curves for localised heating in a large enclosure"
3. UFUAH, E. " Thermal analyses of a 2-dimensional Reinforced Concrete beam"
4. UFUAH, E. "A parametric investigation of the effects of heating and cooling rates on the behaviour of structures subjected to fire attack"
5. UFUAH, E. "An investigation of the catenary effects on the behaviour of structural beams"
6. UFUAH, E. "The effect of perturbations in the volume of coarse aggregate and water/cement ratio on the compressive strength of concrete"

N BOOKS:

1. EHIGIATOR, O. A. & UFUAH, E. (2004) Strength of materials, Lucosem Publishing House, Benin City, 240 pp. ISBN: 978-37396-8-9.

O BOOK CHAPTERS:

1. UFUAH, E. (2007) "Rudiments of Indeterminate Structural Analysis", Engineering Design, Construction and Technologies, Ed.: Ajuwa, C. I. pp. 27-54,

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P HOBBIES:

Football, Reading, Research & Development, Fitness and Counseling.

Q REFEREES:

Referees will be provided based on request.