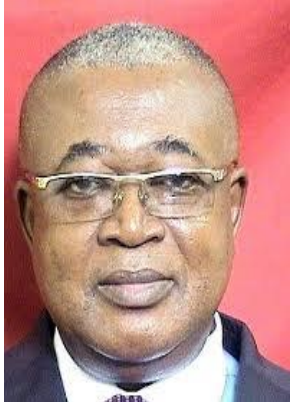


CURRICULUM VITAE

Name: Prof. Edward Badu

Department: Department of Construction Technology and Management

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Qualifications (Degree/Education) with dates:

PhD. in Engineering	Mar., 1994
Proficiency Certificate in Japanese Language	Mar., 1991
M.Sc. Construction Management	Sept., 1990
B.Sc. Building Technology (Second Class Upper Division)	June, 1981
GCE 'A' Level	June, 1977
GCE 'O' Level	June, 1975

Institutions of Study with dates:

Nagoya Institute of Technology, Japan	April, 1991–Mar. 1994
Nagoya University, Japan	Oct, 1990 – Mar. 1991
Loughborough University of Technology, United Kingdom	Sept. 1989–Sept. 1990
University of Science and Technology, Kumasi, Ghana	Sept. 1977– June 1981
Prempeh College, Kumasi, Ghana	Sept. 1975– June 1977
Kumasi Academy, Ghana	Sept. 1970– June 1975

Area of Specialty:

Procurement and Project Management
Corporate Social Responsibility
Construction Project Finance
Corporate Social Responsibility

Research Interest (Where Applicable):

Procurement and Project Management
Corporate Social Responsibility
Construction Project Finance
Corporate Social Responsibility

Area of Interest (Where Applicable):

Procurement and Project Management
Corporate Social Responsibility
Construction Project Finance
Corporate Social Responsibility

Employment Records & Position Held/Hold (with dates):

<u>Oct. 2012 – Present:</u> Professor , Department of Building Technology, Kwame Nkrumah University of Science and Technology Kumasi – Ghana
<u>Oct. 2004 – 2012:</u> Associate Professor , Department of Building Technology, Kwame Nkrumah, University of Science and Technology Kumasi – Ghana
<u>Oct. 1996 – Sept 2004:</u> Senior Lecturer , Department of Building Technology, Kwame Nkrumah University of Science and Technology Kumasi – Ghana
<u>Oct. 1985 – Sept 1996:</u> Lecturer , Department of Building Technology, Kwame Nkrumah University of Science and Technology, Kumasi – Ghana
<u>Oct. 1984 – Sept. 1985:</u> Assistant Lecturer , Department of Building Technology, KNUST, Kumasi
<u>Sept 1981 – June 1982:</u> National Service Person , Department of Building Technology, KNUST, Kumasi

Professional/Teaching Experience (with dates): This should include current courses taught by semester and teaching load:

Teaching Experience	
BT 255 - Tender and Contract Documentation	1984 – 1989
BT 355 – Measurement of Construction Work 2	1984 – 1989
BT 356 – Measurement of Construction Work 2	1984 – 1989
BT 455 – Measurement of Construction Work 4	1984 – 1989
BT 456 – Contract Administration and Professional Practice	1984 – 1989
BT 257 – Building Management 1	1994 – 1998
BT 258 – Building Management 2	1994 – 1998
HORT 516 – Landscape Mat. and Construction Methods 1	1995 – 2004
BT 457 – Building Management 5	1994 – 2009
BT 458 – Building Management 6	1994 – 2009
QSCE 356 – Human Resource Management	2010 – 2013
CTM 453 – Human Resource Management	2011 – 2013
QSCE 355 – Materials and Plant Management	2010 – 2013

BT 553 – Project Resource Management	1998 – 2014
BT 556 – Project Cost Management	1998 – 2014
BT 560 – Operations Research	2012 - 2014
CTM 451- Plant Management	2011 – Present
CTM 452 – Quantitative Techniques in Mgt.	2011 – Present
CTM 457 – Entrepreneurship Management	2011 – Present
MCM 554: Construction Cost Mgt.	2014 – Present
MCM 552: Construction Resource Mgt.	2014 – Present
MCM 561: Operations Research	2014 – Present
Professional Experience	
<p>Project Quantity Surveyor/ Project Coordinator – Post Graduate Block, College of Architecture and Planning (2006).</p> <p>Project Quantity Surveyor – Construction of Temple for Jesus Christ of Latter-Day Saints, Asuyebo, Kumasi (2004).</p> <p>Project Quantity Surveyor – International Catholic Programme for Evangelism (ICPE) Hospital, Christian Village, Santasi, Kumasi (2000).</p> <p>Construction of Office Block for Doctors, Komfo Anokye Teaching Hospital, Kumasi, Project Quantity Surveyor. January 1998 – Present.</p> <p>Construction in Machinery and Training Workshop, Kumasi Wood Estate Limited, Nkinkasie, Kumasi – Project Quantity Surveyor, June 1997 – April 1998.</p> <p>Group Leader – Greater Accra/Central Region Team – Documentation of Central Government Funded Projects (Ministry of Finance) 1997.</p> <p>Construction of 2No. Female Hostel – University of Calabar, Nigeria – Assistant Project Quantity Surveyor, October 1982 – July 1984.</p> <p>Construction of Postal Projects in Cross River State, Nigeria, Project Quantity Surveyor. April 1983 – June 1984.</p>	

Positions held (with dates):

2016 to date: Chairman, College Graduate Committee (CABE)
June, 2011 Chairman, Academic Board Committee set up to Draft a policy framework with guidelines on the process for scoring project work.
April 2011, Chairman, Planning and Organizing Committee. 1 st International Conference on Infrastructure Development in Africa slated in March 2012 (ICIDA 2012) by the College of Architecture and Planning, KNUST
March, 2011 Chairman, Planning and Resource Sub-Committee to study and review the proposal for the introduction of BSc. in Aquaculture and Water Resources Management Programme submitted by the Department of Fisheries and Watershed Management.
March, 2011 Member, Committee on Naming of University Facilities.
Oct. 2010 – 2016 Provost, College of Architecture and Planning (CAP), KNUST-Kumasi
Oct. 2010 – 2016 Member, Executive Committee, KNUST-Kumasi
Oct. 2010 – 2016 Member, Planning and Resource Committee, KNUST, Kumasi
Oct. 2010 – 2016 Chairman, College Appointments and Promotion Committee, College of Architecture and Planning
Oct. 2010 – 2016 Chairman, College Board, College of Architecture and Planning ((by virtue of being the Provost of CAP).
November, 2010 Chairman, Panel to Resolve Allegation of Plagiarism made by Mr. A. T. Acquaye against Dr. J. B. Hayfron-Acquah
Sept. 2009 Member, Committee for Planning and Organizing of 1 st Postgraduate Research Conference on the Built Environment in 2010. Organized by the Faculty of Architecture and Building Technology, KNUST
Oct. 2007 – 2010 Dean, Institute of Distance Learning (IDL), KNUST-Kumasi
Oct 2009 - 2010 Head, Kumasi Virtual Centre for Information Technology, (KVCIT)
May. 2008 Chairman, Planning and Resource Sub-Committee to study and review the proposal for the introduction of BSc. Real Estate Degree Programme submitted by the Department of Land Economy
Feb. 2008 Chairman, Planning and Resource Sub-Committee to study and review a request for affiliation from the KAFF University College
Oct. 2007 – 2010 Chairman, Institute Board, Institute of Distance learning (by virtue of being the Dean of IDL)
Jan. 2006 – 2007 Head, Centre for Distance and Continuing Education, (CDCE), Faculty of Distance Learning, KNUST.
Jan. 2006 – Oct. 2007 Member, Institute Board, Institute of Distance Learning by (virtue of being Head, CDCE).
Jan. 2006 – 2007 Member, College Board, College of Science (by virtue of being Head, CDCE).
Jan. 2005 – 2010: Member, College Board, College of Architecture and Planning.
Jan. 2005 – 2010: Member, Faculty Board, Faculty of Architecture and Building Technology
Jan. 2004 – 2005: Member, Committee for Restructuring, College of Architecture and Planning

Sept./Oct. 2003 Member, Academic Board Committee on Revised Curricular and Course Structures of Faculty of Social Science and the Institute of Land Management
August 2003 Internal Resource Person, Workshop on Teaching Methods for Academic Staff, KNUST
Jan. 2003 to Dec. 2004 Dean, Faculty of Environmental and Development Studies
Jan. 2002 to Dec. 2004 Member, Executive Committee of the Academic Board, UST, Kumasi (by virtue of being Dean, FEDS, KNUST, Kumasi)
Jan. 2002 to Dec. 2004 Member, Development Committee of the University Council (by virtue of being Dean, FEDS, KNUST, Kumasi)
Jan. 2002 to Dec. 2004 Member, University Tender Board, (by virtue of being Dean, FEDS, KNUST, Kumasi)
Jan. 2002 to Dec. 2004 Chairman, Faculty Board of Examiners (by virtue of Dean, FEDS, KNUST, Kumasi)
Jan. 2002 to Dec. 2004 Chairman, Faculty Board (by virtue of being Dean, FEDS, KNUST, Kumasi)
Jan. 2002 to Dec. 2004 Chairman, Faculty Appointments and Promotions Committee (by virtue of being Dean, FEDS, KNUST, Kumasi)
Oct. 2000 to Dec. 2002 Head, Department of Building Technology, KNUST, Kumasi
Oct. 1999 to Dec. 2001 Member, Academic Board (by virtue of being Head, Building Technology, KNUST, Kumasi)
Oct. 1999 to Dec. 2001 Member, Budgetary Committee (by virtue of being Head, Building Technology, KNUST, Kumasi)
1997 to February 2001 Director, Distance Education Centre
1997 to March 2001 Member, Academic Board (by virtue of being Director of Distance Education Centre KNUST, Kumasi)
March 2000 Member, Academic Board Committee on the Establishment of AVU Center for Information Technology.
1994 to date Fellow, Republic Hall, KNUST, Kumasi

Associations/Affiliations (*Contribution and Current Position*):

FCIOB (Fellow – Chartered Institute of Building, UK)	2009-Present
FGhIS (Fellow - Ghana Institution of Surveyors)	2009-Present
FGIOC (Corporate Member – Ghana Institute of Construction)	2015 – Present
FIPCSR (Fellow, Institute for the Promotion of Corporate Social Responsibility)	2009-Present
MFIG (Member, International Federation of Surveyors)	1999 – Present
FGhIS (Member – Ghana Institution of Surveyors)	1998 – 2009
MGIOC (Corporate Member – Ghana Institute of Construction)	1995 – 2015

Publications (or Articles):

Authored Books and Monographs
1. Owusu-Manu, D., and Badu, E. (2011), “ <i>Capital Structure, Investment Strategy and Financial Decisions: The Perspective of Large Construction Enterprises in Developing Countries</i> ” 1 st Edition, Project No. 17163, Germany: Lambert Academic Publishing, ISBN: 978-3-8443-1676-6
Book Chapters Since Last Promotion
1. Badu, E. , and Owusu-Manu, D. (2011), “ <i>An Overview of Construction Activities in Kumasi</i> ” in “ <i>The Future of the Tree-Towards Development and Growth</i> ”. Ed. Kwasi Kwafwa Adarkwa, 1 st Edition. Pp 270-289
2. Osei, C. K., Aggor, R. and Badu, E. (2008), Technology Mediated Open and Distance Education (TechMODE) in Agricultural Education and Training for Improved Livelihoods; A Ghana Case Study. In Alluri, K. and Zachmann, R. (eds.) <i>Technology Mediated and Improved Livelihoods in Sub Saharan Africa</i> , pp 47-61, Commonwealth of Learning, Canada.
Peer-Reviewed Journal Papers
1. Anzagira, L. F., Badu, E. , & Duah, D. (2019). Towards an Uptake Framework for the Green Building Concept in Ghana: A Theoretical Review. <i>Resourceedings</i> , 2(1), 57-76.
2. Agyekum, B., Kissi, E., Yamoah Agyemang, D., & Badu, E. (2018). Examining Barriers for the Utilization of Non-Traditional Cost Estimating Models in Developing Countries: Ghanaian Quantity Surveyors’ Perspectives. <i>Journal of Engineering, Design and Technology Vol.16</i> pp.3-16.
3. Asante, J., Kissi, E., & Badu, E. (2018). Factorial analysis of capacity-building needs of small-and medium-scale building contractors in developing countries: Ghana as a case study. <i>Benchmarking: An International Journal</i> , 25(1), 357-372.
4. Badu, E. , Kissi, E., Boateng, E. B., & Antwi-Afari, M. F. (2018). Tertiary Educational Infrastructural Development in Ghana: Financing, Challenges and Strategies. <i>Africa Education Review</i> , 1-17.
5. Kissi, E., Adjei-Kumi, T., Badu, E. , & Boateng, E. B. (2017). Factors affecting tender price in the Ghanaian construction industry. <i>Journal of Financial Management of Property and Construction</i> , 22(3), 252-268.
6. Kissi, E., Ahadzie, D. K., Adjei-Kumi, T., & Badu, E. (2017). Rethinking the challenges to the pricing of projects in the Ghanaian construction industry. <i>Journal of Engineering, Design and Technology</i> , 15(5), 700-719.
7. Kissi, E., Boateng, E. B., Adjei-Kumi, T., & Badu, E. (2017). Principal component analysis of challenges facing the implementation of value engineering in public projects in developing countries. <i>International Journal of Construction Management</i> , 17(2), 142-150.
8. Ernest, K., Theophilus, A. K., & Edward, B. (2017). Exploring cost planning practices by Ghanaian construction professionals. <i>International Journal of Project Organisation and Management</i> , 9(1), 83-93.
9. Edwards, D. J., Owusu-Manu, D. G., Baiden, B., Badu, E. , & Love, P. E. (2017). Financial distress and highway infrastructure delays. <i>Journal of Engineering, Design and Technology</i> , 15(1), 118-132.

<p>10. Kissi E., E. Bannor Boateng, T. Adjei-Kumi and Badu E. (2016): Principal component analysis of challenges facing the implementation of value engineering in public projects in developing countries, <i>International Journal of Construction Management</i>, DOI:10.1080/15623599.2016.1233088</p>
<p>11. Ofori-Kuragu, J. K., Baiden, B. K., & Badu, E. (2016). Key Performance Indicators for Project Success in Ghanaian Contractors. <i>International Journal of Construction Engineering and Management</i>, 5(1), 1-10.</p>
<p>12. Ofori-Kuragu, J. K., Baiden, B., & Badu, E. (2016). Critical success factors for Ghanaian contractors. <i>Benchmarking: An International Journal</i>, 23(4), 843-865.</p>
<p>13. Ofori-Kuragu, J. K., Baiden, B. K., & Badu, E. (2016). Performance measurement tools for Ghanaian contractors. <i>International Journal of Construction Management</i>, 16(1), 13-26.</p>
<p>14. Ofei I., Kissi E. and Badu E. (2016) Public Procurement Policies and Strategies for Capacity Building of SME Construction Firms in Ghana. <i>International Journal of Procurement Management</i> Vol 9, No 4 pp 455-472</p>
<p>15. Kissi E., Adjei-Kumi T. and Badu E. (2016) Critical Barriers to the Practice of Effective Cost Planning in the Ghanaian Construction Industry, <i>Journal of Construction Engineering and Project Management</i>, Vol 6, Issue.2, pp 8-15</p>
<p>16. Owusu-Manu, D., Edwards, D. J., Badu, E., Donkor-Hyiaman, K. A., & Love, P. E. D. (2015). Real Estate Infrastructure Financing in Ghana: Sources and Constraints. <i>Habitat International</i>, 50, 35-41.</p>
<p>17. Badu, E., Owusu-Manu, D., Donkor-Hyiaman, K. A., Conway C., & Edwards, D. J., (2015) Innovative Finance Mechanisms for Delivery Sanitation Infrastructure, <i>Mindanao Journal of Science and Technology</i>, Vol 13, 238-258</p>
<p>18. Owusu-Manu, D., Edwards, D. J., Badu, E., & Adesi, M. (2015) Exploring the Inherent Estimating Risks in Quantity Surveying (QS) Consultancy Services Pricing, <i>Mindanao Journal of Science and Technology</i>, Vol 13, 170-195</p>
<p>19. Kissi E., Ahadzie, D., K. and Badu, E. (2015) Strategies for Improving Professional Project Management Practices in the Ghanaian Construction Industry, <i>Journal of Construction Management</i>, Vol. 30 pp 6-16</p>
<p>20. Kissi E., Adjei-Kumi T. and Badu E. (2015) Towards the Development of Tender Price Index for Effective Cost Planning in the Ghanaian Construction Industry, <i>International Journal of Construction Engineering and Management</i> p-ISSN: 2326-1080, e-ISSN: 2326-1102; 4(3): 73-79, doi:10.5923/j.ijcem.20150403.02</p>
<p>21. Agyefi-Mensah, S., Post, J., van Egmond, E., Badu, E., & Mohammadi, M. (2015). The need for post-occupancy evaluation of public apartment buildings in Ghana. <i>Journal of Engineering, Design and Technology</i>, 13(2), 315-333.</p>
<p>22. Orgen, N.K., Ayarkwa, J., Ahadzie, D.K. and Badu, E., 2015. Effect of Construction Business Relationship Situation on Design Service Delivery in Ghana. <i>Engineering Management Research</i>, 4(1), p.13.</p>
<p>23. Orgen, N. K., Ahadzie, D. K., Ayarkwa, J., & Badu, E. (2015). The Nature of Supply Chain and Business Relationship in Construction Design Service Delivery in Ghana. <i>Journal of</i>, 2(6), 708-723.</p>
<p>24. Danso, F.O., Badu, E., Ahadzie, D.K., Nani, G. and Manu, P., 2015. Towards a framework for the management of health, safety and well-being on adaptive-retrofit projects in Ghana.</p>

<p>25. Owusu-Manu, D. G., Badu, E., Holt, G. D., & Edwards, D. (2015). Determinants of Management Innovation in the Ghanaian Construction Consulting Sector. <i>Construction Economics and Building</i>, 15(1), 75-88</p>
<p>26. Owusu-Manu, D., Edwards, D.J. Adesi M., Badu, E., and P.E.D Love (2015), "Attaining Fairness in Construction Cost Consultancy Pricing Services: A Case Study in Ghana, <i>Journal of Engineering Design and Technology</i> (Accepted forthcoming)</p>
<p>27. Kissi, E., Ahadzie, D. K., & Badu, E. (2014). Constraints to the development of professional project management practices in the Ghanaian construction industry. <i>Journal of Construction Project Management and Innovation</i>, 4(1), 791-808.</p>
<p>28. Owusu-Manu, D. G., D. Holt, G., J. Edwards, D., & Badu, E. (2014). Determinants of trade credit supply among the Ghanaian construction sector. <i>Built Environment Project and Asset Management</i>, 4(4), 368-383.</p>
<p>29. Agyefi-Mensah, S; Post, J.M; van Egmond, E.L.C; Mohammadi, M; Badu, E (2014). A typological analysis of public apartment buildings in Ghana, <i>Architectural Engineering and Design Management</i>, 2014 http://dx.doi.org/10.1080/17452007.2014.898610</p>
<p>30. Orgen, N, K, D, K Ahadzie, J Ayarkwa, and Badu E (2013) Conceptual models for assessing adversarial business relationship and improvement of engineering and design service delivery (EDSD) in Ghana, <i>Journal of Construction Project Management and Innovation</i></p>
<p>31. Badu, E., Owusu-Manu, D., Edwards, D.J., and Holt, G.D. (2013), "Factor Analysis of Strategic Issues Underpinning the Innovative Financing of Infrastructure", <i>Journal of Construction Engineering and Management ASCE</i>, Vol. 139, No. 6, pp. 726–737. doi: 10.1061/(ASCE) CO.1943-7862.0000641</p>
<p>32. Owusu-Manu, D., Afrane, S. K., Badu, E., Edwards, D.J., and Brown, M. (2013), "Redefining Entrepreneurial Learning Paradigms within Developing Countries: A Case Study of Ghana", <i>Industry and Higher Education</i>, Vol. 27, No 2, pp 1–12, doi: 10.5367/ihe.2013.0146</p>
<p>33. Badu, E., Owusu-Manu, D., Edwards, D.J., and Brown, M. (2013), "Rural Infrastructure Development in the Volta Region of Ghana: Barriers and Interventions", <i>Journal of Financial Management of Property and Construction</i> Vol. 18, No. 2. pp. 142-159 DOI 10.</p>
<p>34. Lichtenstein, S., Badu, E., Owusu-Manu, D., Edwards, D.J., and Holt, G. D. (2013), "Corporate Social Responsibility Architecture and Project Alignment. A Study of the Ghanaian Construction Industry", <i>Journal of Engineering, Design and Technology</i>, Vol. 11, No. 3, pp. 334-353</p>
<p>35. Badu, E., Edwards, D.J., Owusu-Manu, D., and Brown M. (2012), "Barriers to Innovative Financing of Infrastructure Projects Delivery in Ghana", <i>Journal of Financial Management of Property and Construction</i>, Vol. 17, No. 3, pp. 253-273</p>
<p>36. Badu, E., Edwards, D.J., and Owusu-Manu, D. (2012), "Trade-credit and supply chain delivery in the Ghanaian construction industry: analysis of vendor interactions with small to medium enterprises", <i>Journal of Engineering, Design and Technology Management</i>, Vol. 10, No.3, pp. 360-379</p>

<p>37. Owusu-Manu, D., Badu, E., Edwards, D.J., Adesi, M. and Holt, G.D. (2012), "Conceptualization of the Consultancy Pricing Paradox", <i>Structural Survey</i>, Vol. 30, No. 4, pp. 357-378</p>
<p>38. Oppong, R.A., and Badu, E. (2012), "Building Material References in warm-humid and hot-dry climates in Ghana", <i>Journal of Science and Technology</i>, Vol. 32, No. 3, pp. 24-37</p>
<p>39. Oppong, R.A., and Badu, E. (2012), "The Evaluation of Stabilize4d Earth (TEK) Block for Housing Provision and Construction in Ghana", <i>Journal of Science and Technology</i>, Vol. 32, No. 2, pp. 104-118</p>
<p>40. Badu, E., Owusu-Manu, D., Edwards, D.J., and Holt, G.D. (2011), "Innovative Financing (IF) of Infrastructure Projects Delivery in Ghana: Conceptual and Empirical Observations" <i>Engineering Project Organization Journal</i>. Vol. 2. No.2, pp. 1-14</p>
<p>41. Owusu-Manu, D. Badu, E., and Edwards, D.J. (2011), "The Development of a Procurement Management Framework in Ghana: A New Paradigm for Interdisciplinary Postgraduate Education", <i>Industry and Higher Education</i>, Vol. 25, No 4, pp. 289–305</p>
<p>42. Ahadzie, D. K. and Badu, E., (2011), "Success Indicators for Self-build Houses in Two Ghanaian Cities", <i>Journal of Science and Technology, JUST</i>, Vol. 31, No. 3, pp 86-96</p>
<p>43. Owusu-Manu, D., Badu, E., and Otu-Nyarko, D. (2010), "Corporate Social Responsibility: The Perspective of the Ghanaian Construction Industry", <i>International Journal of Project Planning and Finance</i>, Vol.1, No. 1, pp. 60-83</p>
<p>44. Owusu-Manu, D., Adinyira, E., Badu, E. (2010), "Rethinking Construction Project Management Curriculum Reforms: Integration with a Broader Discipline at the Undergraduate Level", <i>International Journal of Construction Project Management</i>, Vol. 2 No. 2, pp 135-156, Southern Alberta Institute of Technology, Nova Science Publishers, New York, USA</p>
<p>45. Osei-Tutu, E., Badu, E. and Owusu-Manu, D. (2010), "Exploring Corruption Practices in Public Procurement of Infrastructural Projects in Ghana", <i>International Journal of Managing Projects in Business</i>, Vol. 3, No. 2, pp, 236-256 RMIT University, Australia, Emerald Group Publishing Limited</p>
<p>46. Badu, E. and Owusu-Manu, D. (2010), "Improving Access to Construction Finance in Ghana: Empirical Descriptions of Constraints and Antidotes", <i>Journal of Business and Enterprise Development</i>, University of Cape Coast, Vol. 2, No. 1, pp 111-129</p>
<p>47. Assah-Kissiedu, M., Fugar F.D.K. and Badu, E. (2010) "Triggers of Disputes within the Ghanaian Construction Industry." <i>Journal of Construction</i>, Vol. 3, No. 2, pp. 22-26</p>
<p>48. Owusu, M.D. and Badu, E. (2009), "Determinants of Contractors' Investment Finance Strategy in Ghana: Conceptual and Empirical Explanations", <i>Journal of Financial Management of Property and Construction</i>, Vol. 14, No. 1 pp. 21 – 33, ISSN: 1366-4387 DOI: 10.1108/13664380910942626 Publisher: Emerald Group Publishing Limited</p>

<p>49. Owusu, M.D. and Badu, E. (2009), "Finance Practices of Large Construction Firms in Ghana: Methodological Perspectives for Postgraduate Researchers", <i>PentVars Business Journal</i>. PUC. Vol. 5 No.4. Pp. 44-54, ISSN: 0855-9163</p>
<p>50. Kessinger, J., Berge, Z.L., Aguti, J.N., Nakibuuka, D., Kajumbula, R., Basu, S., Essel, R., Badu, E., Owusu-Boateng, W., Saah, A.A. and Ahmad, J.H., 2009. Blogs as an Instructional Medium. <i>Malaysian Journal of Distance Education</i>, 11(2), pp.1-11.</p>
<p>51. Nani, G., Adjei-Kumi, T. and Badu, E. (2009), "Proposed Procedure for Developing Standard Method of Measurement", <i>The Ghanaian Surveyor</i></p>
<p>52. Essel, R., Badu, E., Owusu-Boateng, W. and Saah, A.A. (2009), "In-Service Training: An Essential Element in the Professional Development of Teachers", <i>Malaysia Journal of Distance Education</i>, Vol. 2, No. 2, pp. 55-64, ISSN: 1511-6433</p>
<p>53. Owusu, M.D., Badu, E. and Edwards, D.J. (2008), "Conceptual Paradigm and Rethinking Project Finance Strategy for Highway Projects Financing in Ghana", <i>PentVars Business Journal</i>, PUC. Vol. 3 No.3. Pp. 85-93, ISSN: 0855-9163</p>
<p>54. Owusu, M.D., Badu, E. and Adjei-Kumi, T. (2008), "Short Essay on Empirical Finance Research: Current Trends and a Call for Future Studies", <i>PentVars Business Journal</i>, PUC. Vol. 4 No.4. pp. 71-87, ISSN: 0855-9163</p>
<p>55. Nani, G., Edwards, P.J., Adjei-Kumi, T., Badu, E. and Amoah, P. (2008), "Customisation and Desirable Characteristics of a Standard Method of Measurement for Building Works in Ghana", <i>The Australian Journal of Construction Economics & Building</i>, Vol. 8, No. 2., pp. 30-40, www.aiqs.com.au/Publications/AJCB/index.asp</p>
<p>56. Nani, G., Adjei-Kumi, T. and Badu, E. (2008), "Classifying Construction Works for the Purpose of Measurement", <i>The Ghana Surveyor</i>, Vol. 1, No. 2, pp.41-51</p>
<p>57. Tuuli, M. M., Baiden, B. K. and Badu, E. (2007) "Assessment and Enforcement of Liquidated Damages in Construction Contracts in Ghana" <i>Structural Survey</i>, Vol. 25 No. 3/4, pp.204-219, Emerald Group Publishing Limited, 0263-080X (<i>Best 2007 Emerald Award Winning Paper</i>)</p>
<p>58. Baiden, B. K., Badu, E. and Menz, F. Z. (2005) "Exploring the barriers to the use and Potential of Timber for Housing Construction in Ghana", <i>Journal of Construction and Building Materials</i>, 19 (2005), pp. 347-352. Available via www.sciencedirect.com, www.elsevier.com/locate/conbuidmat</p>
<p>59. Badu, E. and Amoah, P. (2004). "An Integrated Approach to Mark-Up Determination for Large Building Contractors in Ghana", <i>Journal of University of Science and Technology</i>, Kumasi. Vol. 4</p>
<p>60. Badu, E., Amoah, P., and Frimpong-Gyamfi, G. (2004). "Risk Sharing in Ghanaian Construction Contracts", <i>The Ghana Surveyor</i>, Issue 1, pp. 1- 12.</p>
<p>61. Badu, E. (2003). "The Human Resource Base of Construction Firms in Ghana", <i>Journal of Construction Management</i>, (NICMAR), India, Vol. XVIII No. IV, pp. 23-34.</p>
<p>62. Badu, E., and Amoah-Abban, K. (2003). "Role of Alternative Dispute Resolution in Settlement of Construction Disputes in Ghana", <i>Journal of Construction Management (NICMAR)</i>, India, Volume 18, No.1, pp. 1 – 17</p>

<p>63. Badu, E. and Yamamoto, K. (1993). "Risk Management in International Contracting – A Japanese Approach", <i>Journal of Construction Management (NICMAR)</i>, India, April, 1993, Volume 8, No.1, pp. 29-35.</p>
<p>64. Badu, E. and Yamamoto, K. (1993). "The Possibility of Introducing Value Engineering Concept in the Ghanaian Construction Industry", <i>The Ghana Engineer, Journal of the Ghana Institution of Engineers</i>. September 1993, Volume 13, No.2, pp. 33-38.</p>
<p>Peer-Reviewed Conference Papers</p>
<p>65. Oteng D., Ansah M. K., Kissi E., and Badu E., (2018) Barriers to the adoption of Building Information Modelling in Developing Countries: The Case of Ghana 1st International Conference on Construction Futures (ICCF) at: Wolverhampton, UK</p>
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KEYNOTE AND DISCUSSION PAPERS
1. Badu, E. and Owusu-Manu, D. (2010), "Advancing Ghana's Rural Economy through Strategic Policy Improvements within National Development Context", Keynote paper delivered at the 2nd Annual Public Lecture Series on National Development. Organized by Sunyani Polytechnic
2. Nani, G., Adjei-Kumi, T., Badu, E. and Amoah, P. (2007), "Notes on Method of Measurement: Special Methods Adopted in Ghana for Measurement using SMM6 and SMM7 and Recommendations for SMM7", <i>The Quantity Surveyor</i> , July-December, 2007, Pp. 14-26

Grants/Funds won with dates:

1990-1994: Japanese Ministry of Education (Monbusho) Scholarship to undertake PhD programme in Civil Engineering at Nagoya Institute of Technology, Japan.
1989-1990: Commonwealth Academic Scholarship Award to undertake MSc programme in Construction Management at Loughborough University of Technology, UK

Research Projects (*Current and Past Projects*):

<p>The Intervening Effects of Culture-Induced Values on the Relationship Between Factors of Safety Risk Perception and Risk-Taking Behaviours of Construction Site-Workers</p> <ul style="list-style-type: none"> • To identify the key influences of the risk-taking behaviours of construction site-workers including those from their culture-induced values and factors of safety risk perception; • To explore quantitatively, the perception of safety risks among construction site-workers during execution of construction projects; • To trace the influences of culture-induced values of construction site-workers on the relationship between factors of safety risk perception and their risk-taking behaviours on construction sites; and • To outline some strategies for reducing the risk-taking behaviours on construction sites <p>Towards an Uptake Framework for the Green Building Concept in Ghana (2016-Ongoing).</p> <p>Risk Allocation Model for Public Private Partnership (PPP) Power Projects in Ghana (2016- Ongoing).</p> <ul style="list-style-type: none"> • To ascertain the motivating reasons for entering into PPP power projects; • To assess PPP investment trends in the power sector of Ghana;

- To evaluate drivers (enablers) to implementation of PPP power projects;
- To identify and evaluate the risk factors inherent in PPP power projects;
- To investigate interdependencies among the various risk factors; and
- To develop a quantitative risk allocation model for PPP power projects in Ghana.

A Framework for succession planning for family-owned construction firms in Ghana (2016- Ongoing).

- To examine succession planning procedures and processes existing in the construction industry.
- To ascertain the perceptions of construction executives to succession planning
- To establish key drivers to the implementation of succession planning.
- To establish barriers to the implementation of succession planning.
- To propose and validate an implementation framework for succession planning for family-owned construction firms in Ghana

Towards the development of Tender Price Indices for the Construction Industry of Ghana (2015-2017)

- Challenges to Price Indices in Ghana
- Determinants of Tender Prices in Ghana
- Development of Framework for Tender Price Indices
- Development of Model for determining Tender Price Indices

Towards understanding of Consulting Practice in Ghana (2012-2014)

- Conceptualization of Consulting Pricing Paradox
- Consulting Innovations and Problems to Consulting Assignments
- Determinants of consulting pricing strategy

Innovations, Entrepreneurship and Enterprise Development in Construction (2012-2014)

- Redefining Entrepreneurial learning paradigms in built environment context
- Determinants of Management innovations in built environment consulting industry
- Determinants of Business Failure of SMEs in the Ghanaian construction industry

Infrastructure Financing and Development in Ghana (2010- 2012)

- Conceptualization of Innovative financing of infrastructure delivery
- Strategic issues of innovative financing of infrastructure
- Barriers to innovative financing of infrastructure delivery
- Rural infrastructure delivery and development: barriers, success factors, etc
- Housing infrastructure delivery-Success Indicators for Selfbuild Houses

Procurement and Project Management in the Ghanaian Construction Industry (2010 – 2011)

- The development of Procurement management curriculum at the postgraduate level

- Rethinking project management curriculum development at the undergraduate level
- Corruption Practices in Public Procurement of Infrastructural Projects delivery

Trade Credit Finance Extension in the Ghanaian Construction Industry (2010 – 2012)

- Trade-credit and supply chain delivery in the Ghanaian construction industry
- Determinants of trade credit provision in the Ghanaian construction industry
- Barriers to trade credit provision in the Ghanaian construction industry

Corporate Social Responsibility (CSR) in the Construction Industry (2010 – 2011)

- Triggers of CSR provision in the construction industry
- Barriers to CSR provision in the construction industry
- The landscape of CSR delivery in the Ghanaian construction industry
- CSR Project Alignments within the Construction Industry

Construction Financing and Investments in the Ghanaian Construction Industry (2008 – 2012)

- Finance practices of construction firms in Ghana
- Determinants of investment strategy of construction firms in Ghana
- Financial management competencies of construction firms
- Capital structure of construction firms in Ghana
- Rethinking Project Finance Strategy for Highway Projects Financing

Works measurement and Quantity Surveying Practice (2007-2010)

- Procedure for Developing Standard Method of Measurement
- Customisation and Desirable Characteristics of a SMM for Building Works in Ghana
- Classifying Construction Works for the Purpose of Measurement

Construction Industry Development, Materials Development and Commerce and (2005-2010)

- Enforcement of Liquidated Damages in Construction Contracts in Ghana
- Triggers of Disputes within the Ghanaian Construction Industry
- Barriers to the use and Timber for Housing Construction in Ghana