

Academic & Professional Biography: 1997 - Current

Name: Wilfred Masuwa Matipa	BSc (Hons) Building, MSc (Distinction) CPM, PhDEng, PGCertTT, MCIQB, MAACE
Current Job Title(s):	Senior Lecturer; Course Leader Construction Management; Liverpool John Moores University Consultant Quantity Surveyor (Various)

Years in Post: 3 Years

Previous Appointments:

Senior Lecturer – Commercial management and Quantity Surveying, University of Central Lancashire, Preston, Lancashire	2006 - 2008
Lecturer – Construction Economics, Commercial management & Quantity Surveying – University of Central Lancashire	2004 - 2006
Researcher – Integrated cost engineering systems using IFCs National University of Ireland Cork	2001 - 2004
Lecturer – Quantity Surveying & Consultant Quantity Surveyor Copperbelt University, Kitwe, Zambia	1998 - 2000
Quantity Surveyor, Mwitumwa & Associates Quantity Surveyors and Construction Economists – Lusaka. Zambia	1997 - 1998

Qualifications:	Awarding Body:	Year:
PhD (Cost Engineering)	National University of Ireland, Cork Ireland	2008
PGCertTT	University of Central Lancashire, UK	2006
MSc (with Distinction)	Heriot-Watt University, UK	2000
BSc (Hons) (2:1) Building	Copperbelt University, Zambia	1997

Professional Membership:

Corporate Member	Chartered Institution of Building (CIOB)	2008
Incorporated Member	Chartered Institution of Building (CIOB)	2003
Member	Association for the Advancement of Cost Engineering International	2002
Member	Surveyors Institute of Zambia	1997

Research Interests:

Integrated Cost systems; ICT Applications for project management, Total Cost Engineering and Management

Relevant Publications / Reports / Conferences (2000 to Date):

Publications out of Research Activities [2000 – Date]

1. Cutting Edge Techniques for Tracking Project Performance: Benefits for the Zambian Construction Industry. *Young Engineers in the New Millennium Seminar by the Engineers Institute of Zambia*, November 2000. Engineers House, Kitwe.
2. Teaching Quantity Surveying At University: A Methodical Approach. *Paper Presented to the Selection Committee, Department of Construction Economics and Management, University Of Cape Town, Republic of South Africa*, October 2001.
3. Towards Interoperability: ICT in academic curricula for sustainable construction. W107-10, *CIB W107 1st International Conference on; creating a sustainable construction industry in Developing Countries*, 11-13 November 2002, South Africa
4. Global drivers of change: Their implications for the Zambian Construction Industry. *CIB W107 1st International Conference on; creating a sustainable construction industry in Developing Countries*, 11-13 November 2002, South Africa
5. Teaching Value Engineering As a Tool for Reinforcing Applied Creativity in a Troubled AEC/FM Industry: A Case of Zambia. *Proceedings of 2003 WFEO/ASEE e-Conference*, © 2003, American Society for Engineering Education, 15 April – 15 June 2003, USA
6. Contending With the Challenges of Deploying Building Product Models in the Construction Process, 20th *Association for Researchers in Construction Management (ARCOM) Conference*

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- Proceedings, Heriot-Watt University, School of the Built Environment, Edinburgh, Scotland, 1st – 3RD September, 2004. Ed Khosrowshahi, F*
7. Sustainable Construction in a Developing Country: An Assessment of How Professional Practice Impact the Environment, 20th Association for Researchers in Construction Management (ARCOM) Conference Proceedings, Heriot-Watt University, School of the Built Environment, Edinburgh, Scotland, 1st – 3RD September, 2004, Ed Khosrowshahi, F
 8. Evaluating a Construction Business Information Service (CBIS) For a Developing Country: A Case of Zambia, *Journal of Engineering, Design and Technology, Issue 2, June 2004, Pp1-15*
 9. A Social-Economic and Health Impact Assessment of Labour Laws on the Construction Workforce in Lusaka, *Proceedings of the 4TH Triennial International Conference on 'rethinking and revitalizing construction safety, health, environment and quality', Port Elizabeth – South Africa, 17 - 20 May 2005*
 10. Reducing Overruns in a Volatile AEC/FM Market: Can Vendor Planning and Estimating Software Help?, *Proceedings of the 3rd International Conference on Construction in the 21st Century: Advancing Engineering, Management and Technology, September 15-17, 2005, Editors: Ahmed et al, Florida International University.*
 11. A Strategic Approach to Bridging the Gap between Global Digital Construction and the Low-tech Third World: An Overview. *Proceedings of the 3rd International Conference on Construction in the 21st Century: Advancing Engineering, Management and Technology, September 15-17, 2005, Editors: Ahmed et al, Florida International University*
 12. Information And Communication Technology [ICT] Supported Supply Chain Management – Benefits For Construction Business In Landlocked Developing Nations, Wilfred M. Matipa And Valentah M. M. Siamuzwe, *21st Association for Researchers in Construction Management (ARCOM) Conference Proceedings, London, UK 7th – 9th September, 2005; Ed Khosrowshahi, F*
 13. *How Strong is the case for Modernisation of Land Rights in sub-Saharan Africa: Focus on Zambia's Privatisation of Land Rights.* Ngombe, A. Moobela, C. and Matipa, W.M. (2006): Paper presented to the CASLE conference on Promoting Sustainable Land Management in Africa, Bagamoyo, Tanzania, 14-17 March 2006
 14. Revisiting housing standards using Value Engineering tools: A bottom-up approach, Wilfred M. Matipa and Edward Mwale, *Botswana Journal of Technology, Volume 15, Number 2, October 2006, pp 36 - 43*
 15. An Appraisal of Accessibility to Plant and Equipment for Small Construction Business Entities on the Copperbelt Province – Zambia, Wilfred M. Matipa and Joseph N. Bwalya, *Proceedings of the First Built Environment Conference, Johannesburg - South Africa, 18 – 20 June 2006, ISBN 0 -620-36437-8, pp369 – 379; Ed, Haupt, T*
 16. Sustainable Urban Growth through Building Control: Built Environment Professionals are No-Longer Necessary; Wilfred M. Matipa, Humphrey S. Ndalama, and Cletus Moobela, *Proceedings of the First Built Environment Conference, Johannesburg - South Africa, 18 – 20 June 2006, ISBN 0 -620-36437-8, pp380 – 386; Ed, Haupt, T*
 17. Nurturing Property Investment by Reengineered Systems for Land Pricing by Local Authorities, Wilfred M. Matipa and Ronald Barham, *Journal of Property Finance and Investment, Volume 25, Number 1, January 2007, Pp 77 - 94, Emerald Group Publishing*
 18. Standardisation and Preassembly: A Key Driver for Predictability and Efficiency in Construction, Wilfred M. Matipa and John C. Fausset, *Proceedings of the CME 25 Conference: Construction Management and Economics 'Past, Present and Future', Reading, UK, 16 – 18 July 2007, Pp93; Ed, Hughes, W.,*
 19. How a Quantity Surveyor Can Ease Cost Management at the Design Stage Using a Building Product Model, Wilfred M. Matipa, Denis Kelliher, and Marcus Keane, *Construction Innovation Journal, Volume, Issue 3, 2008, Pp, Emerald Group Publishing*
 20. ICT Supported Cost Management for Sustainable Construction: A Hands on Approach, "Transformation Through Construction Joint 2008 CIB W065/W055 International Symposium"; Ed: Carter, K., Ogunlana, S., and Kaka, A., (2008).
 21. A Strategic View of ICT Supported Cost Management For Green Buildings in the Quantity Surveying Practice, Proceedings for the "Transformation Through Construction Joint 2008 CIB W065/W055 International Symposium"; Ed: Carter, K., Ogunlana, S., and Kaka, A., (2008).

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22. A Strategic View of ICT Supported Cost Management For Green Buildings in the Quantity Surveying Practice, *Journal of Financial Management of Property and Construction*, Vol.14, No.1, 2009, pp79-89
23. Assessing the impact of new rules of cost planning on BIM schema pertinent to quantity surveying practice, "26th Annual Conference, September 6th – 8th, 2010", Association of Researchers in Construction Management, (ARCOM), Leeds, UK
24. Cost optimisation techniques for sustainable buildings: analysis beyond energy performance certificates, "26th Annual Conference, September 6th – 8th, 2010", Association of Researchers in Construction Management, (ARCOM), Leeds, UK

Continuing Professional Development	Year / Date
Computer Aided Taking-off (Procurement, CADmeasure, CashFlow, Cost Planning)	2004 - Date
C/C++ Programming	2002 - Current

Course Responsibilities:	Dates:
Course Leader – Commercial management and Quantity Surveying	2006 - Current
Year 3 Tutor	2004 - present
Module Tutor –	2004 - present
Other Academic Responsibilities:	Dates:
Dissertation Supervision	2004 - present
Research work	2001 - present
MSc Construction Project Management Course Leader	2005 - 2007

Editorial Assignments From Various Journals and Conference Organisers, and Research Funding Applications

Global Built Environment Review, Vol.6 Number 2	2006 - Current
Review of two grant applications to the National Research Foundation (NRF), South Africa	2006
Article 5 for Acta Structilia Journal, Vol 14, No1, 2007	2006 - Current
