# **CURRUCLUM VITAE**

Dr. AYMAN AHMED EZZAT OTHMAN Associate Professor Architectural Engineering Department The British University in Egypt (BUE)



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# Dr. AYMAN AHMED EZZAT OTHMAN

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## Objectives

Utilising academic background, research expertise, and technical work experience to enhance and enrich the teaching, research, and society development process in the architecture and construction Profession.

## Education

Ph.D.		<b>Construction Management</b> Civil and Building Engineering Department, Loughborough University, United Kingdom, 2004.
M.Sc.		<b>Construction Management (Project Management)</b> Department of Building Engineering and Surveying, Heriot-Watt University, United Kingdom, 1999.
B.Sc.		Architectural Engineering Architectural Engineering Department, Assiut University, Assiut, Egypt, 1991.
Diplor	na	Basic Computer Programming International Correspondence Schools, Scranton, U.S.A, 1993.
Prac	tical E>	(pertise
Feb. Prese		<b>Associate Professor</b> Architectural Engineering Department, Faculty of Engineering, The British University in Egypt, Cairo, Egypt.
Feb. Feb.	2009 2010	Assistant Professor Architectural Engineering Department, Faculty of Engineering, The British University in Egypt, Cairo, Egypt.
Nov. Feb.	2006 2009	<b>Senior Lecturer</b> School of Civil Engineering, Surveying & Construction Faculty of Engineering, University of KwaZulu-Natal, Durban, South Africa.
Oct. Nov.	1998 2006	Architect cum Project Manager Commercial Buildings Directorate, Finance Department, Abu Dhabi, UAE.
Dec. Aug.	1993 1998	Architect Sahil Engineering Consultants, Abu Dhabi, UAE.
Oct. Dec.	1992 1993	Architect cum Branch Manager Al Maktab Al Asri Engineering Consultants, Abu Dhabi, UAE.
Feb. Oct.	1992 1992	Architect Beeah Planners, Architects& Engineers, Riyadh, Saudi Arabia.
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# **Professional Training**

- 1 Advanced Software courses in AutoCAD, 3D Studio, Microsoft Windows and Microsoft Office. Riyadh Centre for Computer& Printing Learning, Riyadh, Saudi Arabia, 1992.
- 2 Measuring and Taking-off. Innovative Institute of Science and Management, Abu Dhabi, UAE, 2001.
- 3 Change Orders in Construction Projects. Project Management & Contracts Company (Projacs), Abu Dhabi, UAE, 2001.
- 4 Professional Project Management, Project Management & Contracts Company (Projacs), Abu Dhabi, UAE, 2002.
- 5 Construction Financial Management, Innovative Institute of Science and Management, Abu Dhabi, UAE, 2002.
- 6 Repair of Concrete Damaged by Reinforcement Corrosion, Innovative Institute of Science and Management, Abu Dhabi, UAE, 2002.
- 7 Maintenance Planning, Control and Documentation Using Computers, Emirates American Consulting & Training Centre, Abu Dhabi, UAE, 2002.

# Current Research Interest

- Construction Management
- Dynamic Brief Development in Construction
- Facilitates Management
- Value and Risk Management in Construction
- Team Building
- Strategic Management in Construction
- Sustainable Development in Construction
- Partnership in Construction
- Innovation in construction

- Project Management
- Design Management
- Health and Safety in Construction
- Client Satisfaction
- Information Management & Technology in Construction
- Assessing Building
   Performance
- Corporate social Responsibility
- Lean Construction

# International Refereeing and Reviewing

Registered referee and member of advisory board of a number of international academic journals including:

- Facilities.
- Construction Management and Economics (CEM).
- International Journal of Managing Projects in Business (IJMPB).
- ✤ Journal of Construction (JOC).
- Engineering, Design and Technology (DET).
- International Journal of Project Planning and Finance (IJPPF).
- Habitat International.

Reviewer and member of International scientific committees of the following conferences:

- ✤ The 1<sup>st</sup> & 2<sup>nd</sup> Quantity Surveying conference, South Africa, 2008 & 2009.
- The 4<sup>th</sup> Built Environment Conference, Zambia, 2009.
- ✤ The 1<sup>st</sup> International Conference TG 59 People in Construction, South Africa, 2009.
- ✤ The 5<sup>th</sup> Built Environment Conference, South Africa, 2010.
- The 1<sup>st</sup> International Conference Sustainability and Future studies, the British University, Egypt, 2010.
- The 2<sup>nd</sup> International Conference on Construction in Developing Countries (ICCIDC-II), Egypt, 2010.

The 2<sup>nd</sup> International Conference on Sustainable Architecture & Urban Development – SAUD 2010, Jordan, 2010.

# Affiliation

- Member of the Egyptian Engineering Syndicate, Cairo, Egypt.
- Member of the Project Management Institute (PMI), USA.
- > Member of the Society of American Value Engineers (SAVE), USA.
- Member of Board of the Arab Society for Computer Aided Architectural Design (ASCAAD).

### Honours and Awards

- Best Lecture Award, Faculty of Engineering, University of KwaZulu-Natal, 2009.
- Holder of the Egyptian Engineering Syndicate Honouring for distinguished students, 1991, (Silver Medal).
- Holder of Prof. Dr. A. H. Kamel's Award for Architectural Design, 1991(Certificate & Award).

# **Publications**

Book	<u>S</u>
1.	<b>Othman, A.A.E.</b> (2010). Value and Risk Management for Dynamic Brief Development in Construction. Lambert Academic Publishing. ISBN: 978-3838390956
2.	<b>Othman, A.A.E.</b> (2010). Managing Human Resources In Construction: The Complete Guide For Building The Effective Architectural Team In Design Firms. Lambert Academic Publishing. ISBN: 978-3838390987
3.	Sirbadhoo, N. and <b>Othman, A.A.E.</b> (2010). Public-Private Partnerships for Sustainable Development of Rural Areas. Lambert Academic Publishing. ISBN: 978-3838398198
4.	Mia, B. and <b>Othman, A.A.E.</b> (2010). Corporate Social Responsibility, Housing for the Poor in South Africa: Investigating the Role of South African Quantity Surveying Firms. Lambert Academic Publishing. ISBN: 978-3838398464
5.	Conrads, S. and <b>Othman, A.A.E.</b> (2011). Industrialised Building Systems for Low- Cost Housing Projects: An Investigation Into their Feasibility in the South African Context. Lambert Academic Publishing. ISBN: 978-3-8433-5734-0
6.	<b>Othman, A.A.E.</b> and UKZN Research Team (1). (2011). Towards Improving Health and Safety Practices in Construction Investigating the Causes and Effects of Contractor's Non-Compliance with Health and Safety Regulations in South Africa. ISBN: 978-3-8443-0031-4
<u>Chap</u>	ters In Refereed Books
1.	<b>Othman, A.A.E.,</b> Conrads, S.M. (2009) Investigating the feasibility of Industrialised Low-Cost Housing In South Africa. In: Kazi, A.S., Hannus, M. and Boudjabeur, S. (eds.) <i>Open Building Manufacturing: Key Technologies, Applications and Industrial Cases.</i> ManuBuild, pp. 103-127.
2.	<b>Othman, A.A.E.</b> (2010) Incorporating Innovation and Sustainability for Achieving Competitive Advantage in Construction. In: Wallis, I., Bilan, L., Smith, M. and Kazi, A.S. (eds.) Industrialised, Integrated, Intelligent sustainable Construction I3CON HANDBOOK 2, pp. 13-42.
	4

1.	Othman, A.A.E., Hassan, T. M., and Pasquire, C.L. (2004) Drivers for Dynamic Brief Development in Construction. Engineering, Construction and Architectural Management, Vol.11, No.4, pp.248-258.
2.	<b>Othman, A.A.E.,</b> Hassan, T. M., and Pasquire, C.L. (2005a) <u>Analysis of Factors that</u> <u>Drive Brief Development in Construction.</u> <i>Engineering, Construction and Architectural</i> <i>Management,</i> Vol.12, No.1, pp.69-87.
3.	<b>Othman, A.A.E.</b> (2005) <u>Value and Risk Management Protocol for Dynamic Brief</u> <u>Development in Construction</u> . Emirates Journal for Engineering Research, Vol.10, No.2, pp.23-36.
4.	<b>Othman, A.A.E.,</b> Hassan, T. M., and Pasquire, C.L. (2006) <u>The Brief Development</u> <u>Manager: As an IT Tool for Managing Dynamic Brief Development in Construction</u> . <i>International Journal of Construction Management</i> , Vol. 6 No. 2, pp.31-47.
5.	Abdellatif, M. A. and <b>Othman, A.A.E.</b> (2006a) <u>Improving the Sustainability of Low-Income housing Projects: The case of Residential Buildings in Musaffah Commercial City in Abu Dhabi. <i>Emirates Journal for Engineering Research</i>.Vol.11, No.2, pp.47-58.</u>
6.	Othman, A.A.E. (2007a) <u>Generating Sustainable Values and Achieving Client</u> Satisfaction in Construction Projects through Maintenance Management: The Case of Housing Projects in Abu Dhabi, United Arab Emirates. International Journal of Architectural Engineering and Design Management, Vol. 3, No. 3, pp. 145-159.
7.	Othman, A.A.E. (2008) Building the Effective Architectural Team in Design Firms: The Case of the United Arab Emirates. Emirates Journal for Engineering Research, Vol. 13, No.1, pp. 1-11.
8.	Othman, A.A.E. (2008) Incorporating Value and Risk Management Principles in Developing Low-income Housing Projects. Emirates Journal for Engineering Research, Vol. 13, No. 1, pp. 45-52.
9.	Othman, A.A.E. and Mia, B. (2008) <u>Corporate Social Responsibility for Solving the</u> <u>Housing Problem for the Poor in South Africa.</u> Journal of Engineering, Design and Technology, Vol. 6, No. 3, pp. 237-257.
10.	Othman, A.A.E. (2009) The Corporate Social Responsibility of Architectural Design Firms towards Sustainable Built Environment in South Africa. Journal of Architectural Engineering and Design Management, Vol. 5, pp. 36-45.
11.	Othman, A. and Harinarain, N. (2009). <u>Managing risks associated with the JBCC</u> (principal building agreement) from the South African contractor's perspective. <i>Journal of Engineering, Design and Technology,</i> Vol. 16, No. 1, pp. 83-119.
12.	Othman, A.A.E. and Sirbadhoo, N. (2009). <u>An Innovative Partnership Framework For</u> Sustainable Development of Rural Areas on South Africa: The Role Of Project <u>Management Firms.</u> <i>Journal of Engineering, Design and Technology,</i> Vol. 7, No. 3 pp. 243-263
13.	Sirbadhoo, N, Hoyana, UN and <b>Othman, A.A.E.</b> (2011). <u>Quality management for</u> delivering sustainable construction projects in South African rural areas: the construction project manager's perspective. <i>Built and Natural Environment</i> <i>Research Papers,</i> Vol. 4, No. 1, pp.135-148
14.	Othman, A.A.E. and Harinarain, N. (2010) Investigating The Risks Associated With The JBCC (Principal Building Agreement) From The Contractor's Perspective. Acta structilia, accepted for publication.

15.	<b>Othman, A.A.E.</b> and Abdellatif, M. A. (2011) <u>Partnership For Integrating The</u> <u>Corporate Social Responsibility Of Project Stakeholders Towards Affordable Housing</u> <u>Development: A South African Perspective</u> . <i>Journal of Engineering, Design and</i> <i>Technology</i> , Vol. 9, No. 3, pp. 273-295.
16.	<b>Othman, A.A.E.</b> (2011). <u>Improving Building Performance through Integrating</u> <u>Constructability in the Design Process.</u> <i>International Journal of Organisation,</i> <i>Technology and Management in Construction,</i> Vol. 3, No. 2, pp. 333-347.
17.	<b>Othman, A.A.E.</b> and Harinarain, N. (2011). <u>Analysis of Contractors' Perception of</u> <u>Risks Related to the JBCC Principal Building Agreement in South Africa.</u> <u>Built</u> <u>Environment Journal</u> , Vol. 8, No. 1, pp. 25-36.
18.	Othman, A.A.E. (2011). <u>Constructability for Reducing Construction Waste and</u> Improving Building Performance. <i>Built Environment Journal</i> , Vol. 8, No. 2, pp. 31-54.
19.	<b>Othman, A.A.E.</b> and Harinarain, N. (2011). <u>An Investigation Into Contractors'</u> <u>Evaluation of Risks Associated with The JBCC Principal Building Agreement In</u> <u>South Africa.</u> Journal of Construction Project Management and Innovation, Vol. 1, No. 1, pp. 1 -26.
In Re	fereed Conferences
1.	<b>Othman, A.A.E.</b> (2004) <u>Identification, Quantification and Classification of</u> <u>Construction Brief Development Drivers.</u> In: Chan, A. PC. and Chan, D.W.M. (eds.) <i>Proceedings of the CII-HK Conference 2004 on Construction Partnering: Our</i> <i>Partnering Journey-Where Are We Now, and Where Are We Heading?,</i> Hong Kong, 9 <sup>th</sup> December 2004, pp.163-175.
2.	<b>Othman, A.A.E.</b> (2004) <u>Value and Risk Management for Dynamic Brief Development</u> in Construction. In: Chan, A. PC. and Chan, D.W.M. (eds.) <i>Proceedings of the CII-HK</i> <i>Conference 2004 on Construction Partnering: Our Partnering Journey-Where Are We</i> <i>Now, and Where Are We Heading?,</i> Hong Kong, 9 <sup>th</sup> December 2004, pp.176-188.
3.	<b>Othman, A.A.E.,</b> Hassan, T. M., and Pasquire, C.L. (2005b) <u>Brief Development</u> <u>Originators, Value and Risk Sources to the Project from the Client's Perspective.</u> In: Ruddock, L. et. al (eds.) <i>Proceedings of the 5<sup>th</sup> International Postgraduate Research</i> <i>Conference</i> , University of Salford, Manchester, UK, 14 <sup>th</sup> – 15 <sup>th</sup> April, 2005, Vol. 1, pp.44-54, ISBN 0-902896-72-5.
4.	<b>Othman, A.A.E.,</b> Hassan, T. M., and Pasquire, C.L. (2005c) <u>Dynamic Brief</u> <u>Development for Better Construction Briefing.</u> In: Ruddock, L. et. al (eds.) <i>Proceedings of the 5<sup>th</sup> International Postgraduate Research Conference</i> , University of Salford, Manchester, UK, 14 <sup>th</sup> – 15 <sup>th</sup> April, 2005, Vol. 1, pp.55-65, ISBN 0-902896-72-5.
5.	Abdellatif, M. A. and <b>Othman, A.A.E.</b> (2006b) <u>Assessing Building Performance to</u> <u>Improve Sustainability for Low Income Housing Projects: The case of Residential</u> <u>Buildings in Musaffah Commercial City in Abu Dhabi.</u> Proceedings of the 1 <sup>st</sup> Symposium of Charitable and Affordable Housing in Saudi Arabia. Meridian Hotel, Khobar, Saudi Arabia, 18 <sup>th</sup> – 19 <sup>th</sup> April, 2006.
6.	<b>Othman, A.A.E.</b> (2007d) <u>Maintenance Management and Generating Sustainable</u> <u>Values in Construction Projects.</u> Proceedings of the 1 <sup>st</sup> Construction Industry Research Achievement International conference (CIRAIC 2007), 13-14 March 2007, Kuala Lumpur, Malaysia, pp. 210-216.
7.	<b>Othman, A.A.E.</b> (2007e) <u>Sustainable Architecture: an Investigation into the Architect's Social Responsibilities.</u> Proceedings of the International Conference on

	Sustainable Human Settlements for Economic and Social Development, Zambezi Sun International Hotel, Livingstone, Zambia, 2-5 May 2007, pp.181-197.
8.	Ramburan, S. and <b>Othman, A.A.E.</b> (2007) <u>Improving the Skills of Physically Disable</u> <u>Persons for Economic and Social Development in South Africa.</u> Proceedings of the International Conference on Sustainable Human Settlements for Economic and Social Development, Zambezi Sun International Hotel, Livingstone, Zambia, 2-5 May 2007, pp.494-512.
9.	Mia, B. and <b>Othman, A.A.E.</b> (2007) <u>Affordable Housing: An investigation into the Corporate Social Responsibility of South African Quantity Surveying firms.</u> Proceedings of the International Conference on Sustainable Human Settlements for Economic and Social Development, Zambezi Sun International Hotel, Livingstone, Zambia, 2-5 May 2007, pp.298-315.
10.	<b>Othman, A.A.E</b> . (2007f) <u>Supporting End-Users Involvement in Developing</u> <u>Sustainable Housing Projects.</u> Proceedings of the 2 <sup>nd</sup> Built Environment Conference, Port Elizabeth, South Africa, 17 - 19 June 2007, pp. 87-100.
11.	<b>Othman, A.A.E.</b> and Abouzeid, K. (2007) <u>Achieving Professional Projects' Close Out.</u> Proceedings of the 2 <sup>nd</sup> the second built environment conference, Port Elizabeth, South Africa, 17 - 19 June 2007, pp. 239-252.
12.	Harinarain, N., and <b>Othman, A.A.E.</b> (2007) <u>A Framework for Identifying, Quantifying</u> and Classifying Risks Associated with the Principal Building Agreement in South <u>Africa.</u> Proceedings of the 2 <sup>nd</sup> Built Environment Conference, Port Elizabeth, South Africa, 17 - 19 June 2007, pp. 138-151.
13.	Mthalane D., <b>Othman A.A.E.</b> and Pearl, R.G. (2008) <u>The Economic And Social</u> <u>Impacts Of Site Accidents On The South African Society.</u> Proceedings of the 5 <sup>th</sup> Post Graduate Conference on Construction Industry Development, Bloemfontein, South Africa, 16 - 18 March 2008, pp. 1-10. Online Available from: http://www.cib2007.com/papers.html.
14.	Harinarain, N., <b>Othman A.A.E.</b> and Pearl, R.G. (2008) <u>Investigating The Contractor's</u> <u>Risk Sources Associated With The Principal Building Agreement In South Africa.</u> Proceedings of the 5 <sup>th</sup> Post Graduate Conference on Construction Industry Development, Bloemfontein, South Africa, 16 - 18 March 2008, pp. 146-157. Online Available from: http://www.cib2007.com/papers.html.
15.	Motsa, N., Oladapo A.A., and <b>Othman A.A.E.</b> (2008). <u>The Benefits of Using</u> <u>Constructability During The Design Process.</u> Proceedings of the 5 <sup>th</sup> Post Graduate Conference on Construction Industry Development, Bloemfontein, South Africa, 16 - 18 March 2008, pp. 158-167. Online Available from: http://www.cib2007.com/papers.html.
16.	<b>Othman, A.A.E.</b> and Abdellatif, M. A. (2008) <u>Partnership As A Tool For Supporting</u> <u>The Corporate Social Responsibility of Project Stakeholders Towards Affordable</u> <u>Housing Development: Learned Lessons From South Africa</u> . Proceedings of the 2 <sup>nd</sup> Symposium of Charitable and Affordable Housing in Saudi Arabia. Meridian Hotel, Khobar, Saudi Arabia, 28 – 30 April 2008.
17.	Conrads, S. and <b>Othman A.A.E</b> (2008) <u>Industrialized Building: Investigating its</u> <u>feasibility to house the poor in South Africa: Cato Manor as a case study.</u> Proceedings of the Quantity Surveying Conference, Midrand, South Africa, 10 October 2008, pp. 42-52.
18.	D'Aubrey S. and <b>Othman A.A.E.</b> (2008) <u>Extending the Useful Life of Buildings in The Durban Central Business District (CBD).</u> Proceedings of the Quantity Surveying Conference, Midrand, South Africa, 10 October 2008, pp. 53-68.

	Govender, M. and <b>Othman, A.A.E.</b> (2008). The measurement and use of client satisfaction as a tool for improving the performance of home building contractors in <u>Durban.</u> Proceedings of the Quantity Surveying Conference, Midrand, South Africa, 10 October 2008, pp. 81-97.
	Sirbadhoo, N. and <b>Othman, A.A.E.</b> (2008) <u>Public–Private Partnership for Sustainable</u> Development of Rural Areas: Investigating the Role of South African Project <u>Management Firms.</u> Proceedings of the Quantity Surveying Conference, Midrand, South Africa, 10 October 2008, pp. 207-218.
<u>Ir</u> <u>C</u>	Benting, N., Mudliar, K., Doubell, B., Rocke, R. and <b>Othman, A.A.E.</b> (2009). <u>Towards</u> <u>mproving the Ethical Behaviour of Quantity Surveyors within the South African</u> <u>Construction Industry.</u> Proceedings of the 2nd Quantity Surveying Conference, Durban, South Africa, 16 October 2009, pp. 85-101.
<u>G</u>   P	Sirbadhoo, N., <b>Othman, A.A.E.</b> (2009). <u>The Effectiveness of the CIDB Contractors</u> <u>Grading System from the Perspective of South African Project Management Firms.</u> Proceedings of the 2nd Quantity Surveying Conference, Durban, South Africa, 16 October 2009, pp. 102-117.
	Naidoo, N., Pillay, T., Osman, M., Thevan, P. and <b>Othman A.A.E.</b> (2009) <u>The Future of Construction Education In South Africa: Investigating the Competency of Construction Management Graduates at the University of KwaZulu-Natal.</u> Proceedings of the 2nd Quantity Surveying Conference, Durban, South Africa, 16 October 2009, pp. 151-167.
<u>S</u>   P	Gabriel, S. and <b>Othman, A.A.E.</b> (2009). <u>Towards a Future Green Built Environment in</u> <u>South Africa: Integrating the Green Building Concept throughout the Project Life Cycle.</u> Proceedings of the 2nd Quantity Surveying Conference, Durban, South Africa, 16 October 2009, pp. 214-228.
th th "A	<b>Othman,A.A.E.</b> and El-Gendawy, A. H. S. (2010). <u>Improving Construction Sustainability</u> <u>hrough Integrating Suppliers and Manufacturers in the Design Process.</u> Proceedings of he 2nd International Conference on Construction In Developing Countries (ICCDC–II) Advancing and Integrating Construction Education, Research & Practice" August 3-5, 2010, Cairo, Egypt, pp. 119-134.
	<b>Dthman,A.A.E.</b> and El-Gendawy, A. H. S. (2010). <u>Towards A Sustainable Economy: An</u> nvestigation into the Impact of the Global Financial Crisis on the Construction Industry in Developing Countries. Proceedings of the 2nd International Conference on Construction
	n Developing Countries (ICCDC–II) "Advancing and Integrating Construction Education, Research & Practice" August 3-5, 2010, Cairo, Egypt, pp. 9-19.
27. C	
27. C S O U 28. S d C C	Research & Practice" August 3-5, 2010, Cairo, Egypt, pp. 9-19. <b>Othman, A.A.E.</b> and Nadim, W. (2010). <u>Towards Establishing an International</u> <u>Sustainability Index for the Construction Industry</u> : A Literature Review. Proceedings of the First International Conference on Sustainability and the Future, the British
27. C S 0 U 28. S d C 2 29. C A 6	Research & Practice" August 3-5, 2010, Cairo, Egypt, pp. 9-19. <b>Othman, A.A.E.</b> and Nadim, W. (2010). <u>Towards Establishing an International</u> Sustainability Index for the Construction Industry: A Literature Review. Proceedings of the First International Conference on Sustainability and the Future, the British University In Egypt, Cairo, 23-25 November 2010, pp. 222-235. Sirbadhoo, N, Hoyana, UN and <b>Othman, A.A.E.</b> (2010). <u>Quality management for</u> delivering sustainable construction projects in South African rural areas: the construction project manager's perspective. Proceedings of the First International Conference on Sustainability and the Future, the British University In Egypt, Cairo,

Proceedings of the 6nd Built Environment Conference, Johannesburg, South Africa, 31 July – 2 August 2011, pp. 17-36. ISBN number: 978-0-86970-713-5

Part-time Jobs

# January 2001 – May 2001: National Consulting Bureau, Abu Dhabi, UAE. Part-time Lecturer

Teaching, preparing and evaluating exams and assignments of the following courses.

Contract planning and administration.

Malaysia, 11-12 October 2011, 73-84.

- Managing Tasks and Problem solving.
- Communication.
- Time Management
- Management skills
- Introduction to Value Management.

#### 1992-1997

Private courses for students, engineers and draughtsmen including the following packages: AutoCAD and 3D Studio.

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#### **Academic Activities**

- Member of the Council of the Architectural Engineering Department, the British University in Egypt.
- Member of the Council of the School of Civil Engineering, Surveying and Construction, University of KwaZulu-Natal, South Africa.
- Member of the Higher Degree Committee (HDC) of the Faculty of Engineering, University of KwaZulu-Natal, South Africa.
- Coordinator of the Honours Degree modules, University of KwaZulu-Natal, South Africa.
- Responsible for research activities at the Property Development Programme, University of KwaZulu-Natal, South Africa.

# **Computer Skills**

Extensive experience in using and applying the following packages: AutoCAD, Auto Architect, 3D Studio, Photo Shop, Photo Finish, Photo Styler, Microsoft Office 2003 (Word, Excel, Access, Power Point), Microsoft Project 2000, Primavera Project Planner, and Internet applications.

# References

- Prof. Dr. Tarek M Hassan
   Department of Civil and Building Engineering,
   Loughborough University,
   Leicestershire LE11 3TU, UK.
   Tel: + 44 (0) 1509 222602
   Email: T.Hassan@lboro.ac.uk
- Dr. Christine L Pasquire
   Department of Civil and Building Engineering, Loughborough University,
   Leicestershire LE11 3TU, UK.
   Tel: + 44 (0) 1509 222895
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- Prof. Dr. Mahmoud A. Abdellatif
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# Prof. Rob. Pearl

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