REFERENCES

- Anumba, C., & Kamara J.M., F. A. (2006). Concurrent Engineering in Constrution Proejcts. New York: Taylor & Francis.
- Arnell, Viktor, Hammarlund, Yngve, Liedholm, Magnus, et al. (1996). Kvalitetsf orb attringar i bygg- och anl aggningsprojekt. [Quality improvements in building and. *Institutionen f or byggnadsekonomi ochbyggnadsorganisation Report 47 (In Swedish)* (p. 12 p). G oteborg: Chalmers Tekniska H ogskola (Chalmers University of Technology).
- ASQ. (1999). ASQ Handbook. Milwaukee, USA: American Society for Quality.
- Austin, S., Baldwin, A., & Newton, A. (1994). Manipulating the flow of design information to improve the programming of building design. *Construction Management and Economics*, 12 (5), 445 455.
- Austin, S., Baldwin, A., Li, B., & Waskett, P. (1999). Analytical Design Planning Technique: A Model of the Detailed Building Design Process. *Design Studies*, 20, 279–296.
- Baldwin, A. N., Austin, S. A., Hassan, T. M., & Thorpe, A. (1998). Planning Building Design by Simulating Information Flow. 149 –163.
- Baldwin, A., Austin, S., Hassan, T., & Thorpe, A. (1999). Modelling Information Flow During the Conceptual and Schematic Stages of Building Design. Construiton Management and Economics 1157-1678
- Ballari, G., & Koskela Inr (1998) On the agenda of design management research. Proceedings of the 6th Annual Conference of the International Group for Lean Construction, IGLC 6. Guaruja, Brazil.
- BEDC. (1987). Achieving Quality on Building Site. London: Building and Economic Development Committee, NEDC.
- Burati, J., Faeeington, J., & Ledbetter, W. (1992). Causes of Quality Deviations in Design and Construction. *Journal of Construction Economics and Management*, 118 (1), 34 50.
- Chen, P.-H., Cui, L., Wan, C., Yang, Q., Ting, S. K., & Tiong, R. L. (2005). Implementation of IFC-based Web Server for Collaborative Building Design Between Architects and Strutural Engineers. *Automation In Constrution*, 14, 115-128.
- Chong, W., & Low, S. P. (2005). Assement of Defects at Construction and Occupancy Stages. *Journal of Performance of Construction Facilities*, 283-290.
- Clarke, A. (1999). A Practical use of key success factors to improve the effectiveness of Project management. *International Journal of Project Management*, Vol.17 (No.3), 139-145.

- Coles, E. (1990). Design Mamagement: A study of practice in the building Industry. *Occational Papers The Chartered Institute of Building No 40*, p. 32pp.
- Cornic, T. (1991). Quality Management for Building Design. Rushden: Butterworth.
- Cross, N. (1994). Engineering Design Methods. Strategies for Product Design (2nd Edition ed.). London: Wiley.
- Doloi, H. (2008). Adding Value in Construction Design Management by using Simulation Approach. In *Robotics and Automation in Constrution*. Melbourne: InTech.
- Doloi, H. (2010). Benchmarking a new design management system using process simulation approch. *Construction Innovation*, Vol. 10 (No. 1), pp 42-59.
- Edlin, N. (1991). Management of engineering/ design phase. *Journal of CConstruction Engineering and Management ASCE 117*, 163-175.
- Fabricio, M., Melhado, S., & Baia, J. (1999). Brief Reflection On Improvement of Design Process Efficiency In Brazilian Building Projects. *Proc. 7th Ann. Conf. Int'l Group for Lean Constrution, Berkeley, CA, USA*, (pp. 345-356). Berkeley.
- Formoso, C., Tzotzopoulos, P., Jobim, M., & Liedtke, R. (1999). Developing A Protocol for Managing The Design Process in The Building Industry. Proceedings of the Annual Conference of International Group for Lean Construction. Berkeley, California, USA; IGLC.
- Construction. Berkeley, California, USA; IGLC.
 Fuller, R., & Taylor, P. (2010). Better Definisions, Better Buildings?

 Australaslian Universities Building Education Association. Conference (35th: 2010 (pp. A011 1 11 pp). Melbourne; AUBEA, Melbourne.
- Galvan, J., & Tucker, R. (1991). Forecasting Design-Related Problems, A Case Stydy. *Journal of Constrution Engineering and Management*, 117, 47 65.
- Goldschmidt, G. (1992). Criteria for design evaluation: a process oriented paradigm. In Y. (. Kalay, *Evaluating and Predicting Design Performance* (pp. pp. 67-79). New York, NY: Wiley.
- Inouye, K. P., Melhado, S. B., & Souza, U. E. (2002). Design Process at Public Companies Dealing with Housing Production: Evaluation by Means of Case Study. *Proceedings of 10th Annual Conference of International Group for Lean Construction* (pp. 86-100). Brazil: IGLC.
- Josephson, P.-E., & Hammarlund, Y. (1996). Kvalitetsfelkostnader på 90-talet—en studie av sju byggprojekt.[Quality defect costs in the 1990's A study on seven building projects]. *Del I. Report 49*. Chalmers Tekniska Högskola.: Institutionen för byggnadsekonomi och byggnadsorganisation. Göteborg. 125 s.
- Kamara, J., & Anumba, C. E. (2000). Establishing and Processing Client Requirements A key aspect of Concurrent Engineering in Construction. *Engineering Construction and Architectural Management*, 15-28pp.

- Kamara, J., & Anumba, C. (2007). The 'Voice of the Client' within a Concurrent Engineering Design Context. In J. Kamara, & C. Anumba, *Concurrent Engineering In Constrution* (pp. 57-80). Oxon: Taylor & Francis.
- Kamara, J., Anumba, C., & Evboumwan. (2002). *Capturing Client Requirements in Construction Projects*. London: Thomas Telford Limited.
- Kohler, D. (2008). Long-term design, management and finance for built environment. *Building Research & Information*, *Vol. 36* (No. 2), pp 189-94.
- Koskela, L., & Huovila, P. (1997). On foundation of concurrent Engineering. *Papers presented at the 1st International Conference on Concurrent Engineering in Constrution CEC '97*, (pp. 22-32p). London.
- Koskela, L., Ballard, G., & Tanhuanpaa, V.-P. (1997). Towards Lean Design Mangement. *Proceedings of 5th Annual Conference of International Group for Lean Construction* (pp. 167-180). Gold Coast, Austrailia: IGLC.
- Koskela, L., Huovila, P., & Leinonen, J. (2002). Design management in building construction- From theory to practice. *Journal of Construction Research*, *Vol. 3* (No. 1), pp. pp 1-16.
- Lewis, T. (2010). *Managing a Design Project*. Tabago: Department of Civil Engineering, The University of West Indies.
- Li, Y., & Timothy, T. (2011). The Impact of Design Reworkon Constrution Project Performance. *Proceedings of the International Conference of the System* (pp. 145). Kentucky www.systemdynamics.org. Sri Lanka.
- Lin, E.H., & Ling Fo Yi (2002) Model for Predicting Clients' Contribution to Project Sucess. Engineering, Construction and Architectural Management, 388-395.
- Markus, T., & Arch, M. (1973). *Optimisation by Evaluation in the Appraisal of Buildings*. London: Applied Science Publishers.
- Miller, A. (2010, August 3). *The 10 Biggest Design Failures Of The Last 25 Years*. Retrieved February 2013, from Business Insider: http://www.businessinsider.com/10-biggest-design-failures-2010-8?op=1
- Morris, P. (1983). Managing project interfaces key point for project success. In *Project Management Handbook*. New York: Van Nostrand Reinhold Company.
- Pektaş, Ş. T., Pultar, M. (2006). Modelling detailed information flows in building design with the parameter based design struture matrix. *Design Studies*, *Vol 27* (No. 1), 99-106.
- Peter, E. D., & Li, H. (2000). Quantifying the causes and costs of rework in construction. *Construction Management and Economic*, 10 (4), 479 490.
- PMI. (2004). A Guide to the Project Management Body of Knowledge: PMBOK guide 3rd Ed. USA: Project Management Institute, Inc.
- Ramroth, W. G. (2006). *Project Management for Design Professionals*. Chicago, Illinois: AEC Education.

Ren, Z., Yang, F., Bouchlaghem, N., & Anumba, C. (2011). Multi-diciplinarry Collabotrative Builidng Design - A Comparative Study Between Multi-Agent Systems and Multi- Disciplinary Optimisation Approaches. *Automation in Constrution*, 537-549.

Rounce, G. (1998). Quality, Waste and Cost Considerations in Architectural Building Design Management. *International Journal of Project Management*, 16 (2), 123-127.

Sebastian, R. (2007). *Managing Collaborative Design*. Delft, Netherlands: Eburon Academic Publishers.

Silverman, J. (no date). *10 Construction Projects That Broke the Bank*. Retrieved February 2013, from Science - How Stuff Works: http://science.howstuffworks.com/engineering/structural/10-construction-projects.htm#page=0

Sisk, G. M., Miles, J., & Moore, C. (2003). DesignerCentred Development of GA-Based DSSfor Conceptual Design of Buildings. *Journal of Computing in Civil Engineering*, 159-166.

Smith, J., & Love, P. (2004). Stakeholder Management during Project Inception: Stategic Needs Analysis. *Journal of Architectural Engineering*, 22-33.

Spiegel, R. M. (1981). Statistics. Singapore: McGraw - Hill Book Company.

Sverlinger, P.-O. M. (2000). Managing knowledge in professional service organisations. *Idoctoral thesis* f Swedn: Department of Service Management, Chalmers University of Technology, Gothenburg.

Chalmers University of Technology, Gothenburg.

Lectronic Theses & Dissertations

Tan R. R., & Lu, Y.-G. (1995). On the quality of construction engineering design projects: criteria and impacting factors. *International Journal of Quality & Reliability Management*, 12 (5), 18-37pp.

Tang, D., Zheng, L., Li, Z., & Zhang, S. (2000). Re-engineering of the Design Process for Concurrent Engineering. *Computers & Industrial Engineering*, 38, 479-491.

Thompson, A. (1990). *Architectural design procedures*. London: Edward Arnold.

Thyssen, M., Emmitt, S., & Bonke, S. (2010). Facilitating Client value Creation in the Conceptual Design of Constrution Projects: A Workshop Approach. *Architectural Engineering And Design Management*, 6, 18-30.

Trigunarsyah, B. (2004). Project Owners' Role in Improving Constructability of Constrution Projects: An Example Analysis for Indonesia. *Constrution Management and Economics*, 861-876.

Tzortzopoulos, P., Formoso, C. T. (1999). Consideration on Application of Lean Construction Principles to Design Mnangement. *Proc. 7th Ann. Conf. Int'l Group for Lean Construction*. (pp. 335-344). Berkeley, CA, USA: IGLC.

Weerakkody, Y. D., & Thoradeniya, W. B. M. (2012). Importance of Design Phase Stakeholder Management for Successfully Achieving Objectives of

Builidng Projects: A Sri lankan Perspective. *Proceedings of World Construction Symposium*, 2012. (pp. 182-196). Colombo, Sri Lanka: Ceylon Institute of Builders.

