

YEAR 2007

YEAR 2008

YEAR 2009

YEAR 2010

Literature Review

Fundamentals of Knowledge and KM)

KM approaches, activities, tools and models

KM models for construction projects

Research Methods

Recent KM methods, models and projects for construction projects and other disciplines

Developmental Work

Identifying Research Objectives

Analysing reviewed KM models

Developing Research Methodologies

Developing versions of a KM model for construction projects

Further Developing and modifying of a final KM model

Empirical Work

Conducting interviews with KM experts and specialists in the construction industry

Developing and conducting a questionnaire survey to capture initiatives for KM and investigate critical success factors and activities

Conducting Case Studies to investigate KM application in construction organisations and evaluate the developed KM model

Publications

Paper 1

Paper 2

Paper 3

Paper 4

Paper 5

1. Ahmad, H.S., An, M. and Gaterell, M. (2007) 'Development of KM model to simplify knowledge management implementation in construction projects', *Proceedings of the 23rd Annual ARCOM Conference, Association of Researchers in Construction Management*, Belfast, UK, 3-5 September, pp.515-525.
2. Ahmad, H.S., An, M. and Gaterell, M. (2008) 'KM model to embed knowledge management activities into work activities in construction organisations', *Proceedings of the 24th Annual ARCOM Conference, Association of Researchers in Construction Management*, Cardiff, UK, 1-3 September, pp.309-318.
3. Ahmad, H.S. and An, M. (2008) 'Knowledge management implementation in construction projects: a KM model for Knowledge Creation, Collection and Updating (KCCU)', *International Journal of Project Organisation and Management*, Vol. 1, No. 2, pp.133-166.
4. Ahmad, H.S., An, M. and Gaterell, M. (2009) 'Web-based knowledge management method to enhance knowledge capturing, sharing and creation in construction projects', *Proceedings of the 4th eServices Symposium in the Eastern Province: eServices Integration*, Khubar, Saudi Arabia, 9-11 March, pp.51-62.
5. An, M. and Ahmad, H.S. (2010) 'Knowledge management in construction projects: a way forward in dealing with tacit knowledge' *International Journal of Information Technology Project Management (IJITPM)*, Vol. 1, No. 2, pp.16-42.