



PROJECT & CONSTRUCTION MANAGEMENT

MASc Theses

Current as of May 2007

YEAR	THESIS TITLE	AUTHOR	SUPERVISOR(S)
2007	Formalizaition of Transactions in AEC/FM Industries	Pouria, Arezou	T. Froese
2007	Linear Scheduling and 4D Visualization	Tran, Ngoc Dihn	A. Russell & S. Staub-French
2006	Visualizing the Desing and Construction of Roadway System: A Case Study	Beheshtian, S. M.	S. Staub-French
2006	Assessment of Collaborative Decision-Making in Design Development and Coordination Meetings	Golparvar Fard, M.	S. Staub-French/T. Froese
2006	Conflict Detection in 3D MEP Coordination: Tools, Constraints, and Costs	Subramanian, G.	S. Staub-French
2005	Visualization of Construction Data	Korde, T.	A.D. Russell
2005	A Framework for Assessing the Performance of Sustainable Technologies for Building Projects	Nelms, C. E.	A. Russell/B. Lence
2005	An OLAP-based PM Prototype for Cost Control and Manpower Allocation	Nie, H.	T. Froese
2005	Developing a Sepcification for a Computer-based Decision Support Environment for Managing Change orders in Construction Projects	Sooriyaarachchi, D. M.	A.D. Russell
2005	Case Study of 3D Modelling and Building Systems Coordination: Process and Knowledge	Tabesh, A.	S. Staub-French
2005	A Framework for Assessing Innovation Potential as a Function of Procurement Mode in Infrastructure Project Delivery	Tawiah, P. A.	A.D. Russell
2005	Environmental Risk Modeling of Infrastructure Projects	Wang, Y.	A.D. Russell
2004	Modeling of Organizational & Contractual View and Enhancement of Physical View in support of Multi-View Representation of a Project	Arsalan, A.	A.D. Russell
2003	SimSite Net - A web-based Construction Management Game	Fan, H.	T. Froese
2002	Tracking and Abstracting Construction Site Documentation	Jiang, C.	A.D. Russell
2002	A Knowledge Management Tool for Method Selection and Feasibility Reasoning	More, H. R.	A.D. Russell
2002	Assessing the Potential for Public-Private Partnerships for Civil Infrastructure in Latin America	Navas, J. S.	A.D. Russell
2001	Productivity: State-of-the-art, recording context information, and case study data sets	Dimitrijevic, M.	A.D. Russell
2000	Development of Toll Roads	Chang, J.	A.D. Russell
2000	Analysis of the Economic Risks Caused by Environmental Issues in Large Infrastructure Projects	De Zoysa, G. N. S.	A.D. Russell
1999	Implementing a Prototype Computer Integrated Construction Environment	Gorlick, A.	T. Froese

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1999	Parametric Modelling and Project Management Systems	Kolb, D.	A.D. Russell/T. Froese
1998	Field Evaluation, Testing and Analysis of the Future Potential of the Facility Management Turnover Information System	Ahmad, W.	T. Froese
1998	Automated Draft Plan and Schedule Generation Using Templates, Physical Breakdown Structures and Expert Systems	Chevallier, N.	A.D. Russell
1997	Computer Assisted Methods Selection for High-Rise Construction	Sharma, A.	A.D. Russell
1997	Hierarchical Representation of Information for Construction Methods Selection	Udaipurwala, A.	A.D. Russell
1996	Site Documentation and As-Built Records of Public Sector Construction Projects	Dietrich, B.	A.D. Russell
1996	Use of Information for Problem Resolution on Construction Projects	Shahid, S. M.	T. Froese