

INFORMATION SYSTEMS in CONSTRUCTION PROJECTS MANAGEMENT

ISTANBUL TECHNICAL UNIVERSITY
INSTITUTE OF SCIENCE AND TECHNOLOGY

BUILDING SCIENCE PhD PROGRAM

REQUIRED READINGS

1. Froese, T. (1999) "Interwoven Threads: Trends in the Use of Information Technologies for the Construction Industry" available at <http://www.civil.ubc.ca/~tfroese/> [PDF]
2. Sanvido, V.E. and Madeiros, D.J., (1990) "Applying Computer-Integrated Manufacturing Concepts to Construction", *Journal of Construction Engineering and Management*, 116(2), pp. 365-379. [Hardcopy]
3. Froese, T., (1996) Models of Construction Process Information, *Journal of Computing in Civil Engineering*, 10 (3), 183-193. [Hardcopy]
4. Stumpf, A.L., Ganeshan, R., Chin, S., & Liu, L.Y., (1996) "Object-oriented model for Integrating Construction Product and Process Information, *Journal of Computing in Civil Engineering*, 10 (3), 204-212, (1996). [Hardcopy]
5. Aouad, G.F., Kirkham, A., Brandon, P.S., (1993) "Information Modeling in the Construction Industry: The Information Engineering Approach", 11, pp.384-397. [Hardcopy]
6. Rezgui, Y., Cooper, G., & Brandon, P., Information Management in a Collaborative Multi-actor Environment: The COMMIT Approach, *Journal of Computing in Civil Engineering*, 12 (3), 136-144, (1998). [Hardcopy]
7. Han, C.S., Kunz, J.C. and Law, K.H. (1999) 'Building design services in a distributed architecture', *Journal of Computing in Civil Engineering*, ASCE, Vol. 13, No. 1, pp. 12-22. [Hardcopy]
8. Brown, A. et al. (1996) "Promoting Computer Integrated Construction Through the Use of Distribution Technology", available at <http://itcon.org/1996/1/> [PDF]
9. Fischer, M., and Froese, T. (1996) 'Examples and characteristics of shared project models', *Journal of Computing in Civil Engineering*, ASCE, Vol. 10, No. 3, pp.174-181. [Hardcopy]
10. Luiten, G., et al. 1993 "An Information Reference Model for Architecture, Engineering and Construction", Proceedings of the First International
11. Rivard, H. (2000) "A Survey on the Impact of Information Technology on the Canadian Architecture, Engineering and Construction Industry", available at <http://itcon.org/2000/5/>. [PDF]
12. Bjoerk, B-C. (1998) "Surveys of IT in the Construction Industry and Experience of the IT Barometer in Scandinavia", available at <http://itcon.org/1998/4/>. [HTML]
13. Froese, T. et al. (1999) "Industry Foundation Classes for Project Management", available at <http://itcon.org/1998/4/>. [PDF]
14. Faraj, I., Alshawi, M., Aouad, G., Child, T., (????) "An IFC Web-Based Collaborative Construction Computer Environment: WISPER". [Hardcopy]
15. Baransel, C., Mumcuoğlu, A., "Web Tabanlı, Üç Katmanlı Yazılım Mimarileri" SAS Yayınları, 2003. [PDF]
16. Baransel, C., Mumcuoğlu, A., "Web Tabanlı, Üç Katmanlı Yazılım Mimarileri: Nesne Tabanlı Programlama" SAS Yayınları, 2003. [PDF]
17. Baransel, C., Mumcuoğlu, A., "Web Tabanlı, Üç Katmanlı Yazılım Mimarileri: Sistem Modelleme ve UML" SAS Yayınları, 2003. [PDF]