
DATABASE DESIGN & ITS APPLICATIONS IN ARCHITECTURE
CRN 12963 – MBL 515E
RECOMMENDED READINGS

1. K. C. Laudon, *Management Information Systems: Organization and Technology*, Prentice Hall, 1996.
2. J. Ward, P. Griffiths, *Strategic Planning for Information Systems*, John Wiley and Sons, 1996.
3. K. Sanders, Digital Architect, *The Digital Architect: A Common-Sense Guide to Using Computer Technology in Design Practice*, John Wiley & Sons, New York.
4. P. C. Mays, and B.J. Novitski, *Construction Administration: An Architect's Guide to Surviving Information Overload*, John Wiley and Sons, New York, 1997.
5. Baldwin, A.N., Austin, S.A., Hassan, T.M. and Thorpe, A. (1999) 'Modeling information flow during the conceptual and schematic stages of building design', *Construction Management and Economics*, Vol. 17, pp. 155-167.
6. Eldin, N. (1991) 'Management of engineering/design phase', *Journal of Construction Engineering and Management*, ASCE, Vol. 117, No. 1, pp. 163-175.
7. Platt, D.G. (1996) 'Building process models for design management', *Journal of Computing in Civil Engineering*, ASCE, Vol. 10, No. 3, pp. 194-203.
8. Tippett, D.D. and LaHoud, P. (1999) 'Managing computer-aided civil engineering design services', *Journal of Management in Engineering*, ASCE, Vol. 15, No. 2, pp. 63-70.
9. 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.
10. Mokhtar, A., Bedard, C. and Fazio, P. (1998) 'Information model for managing design changes in a collaborative environment', *Journal of Computing in Civil Engineering*, ASCE, Vol. 12, No. 2, pp. 82-92.
11. Kanoglu, A. (2000) "[Integrated design of an automation system to solve cost estimation problems in design phase](#)", *Proceedings of CIT 2000 – The CIB-W78, IABSE, EG-SEA-AI International Conference on Construction Information Technology*, Reykjavik, Iceland, pp. 513-524. [PDF]
12. Kanoglu, A., and Arditi, D. (2001) "[A Computer-Based Information System for Architectural Design Offices](#)," *Construction Innovation (formerly International Journal of Construction Information Technology (IJCIT))*, Vol.1, No.1, March 2001, pp.15-29. [PDF]
13. Kanoglu, A. (2001) "[MITOS: Multi-phase Integrated Automation System for Building Production Process](#)," *Proceedings of 2nd Worldwide ECCE Symposium: Information and Communication Technology (ICT) in the Practice of Building and Civil Engineering*, organized by European Council of Civil Engineers (ECCE), Technical Research Centre of Finland (VTT), and Association of Finnish Civil Engineers (RIL), Espoo, Finland. [PDF]
14. Kanoglu, A., and Ercoskun, K., (2002) "[Unification as a standardization tool in the design of information systems and a unified project model: MITOS](#)", *The European Conference of Product and Process Modeling (ECPPM) 2002: eWork and eBusiness in AEC*, Portoroz, Slovenia. [PDF]
15. 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]
16. 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]

17. Andresen, J. et al., (2000) "[A Framework for Measuring IT Innovation Benefits](http://itcon.org/2000/4/)", available at <http://itcon.org/2000/4/>. [PDF]
18. Sun, M., and Aouad, G., (1999) "[Control Mechanisms for Information Sharing in an Integrated Construction Environment](#)". [PDF]
19. Froese, T. et al. (1999) "[Industry Foundation Classes for Project Management](http://itcon.org/1998/4/)", available at <http://itcon.org/1998/4/>. [PDF]