
Editorial

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Biographical notes: David C. Chou is a Professor of Computer Information Systems at Eastern Michigan University. He received his B.Commerce from Feng-Chia University, MS from National Taiwan University and MS and PhD from Georgia State University. He has published more than 170 papers in the field of information systems. He is the Program Chair of the Southwest DSI 2006 Conference and also the Editor-in-Chief for the *International Journal of Information Systems and Change Management (IJISCM)* and the *International Journal of Management Theory and Practice (IJMTP)*. Currently, he serves as an Editorial Board Member for five academic journals.

1 Introduction

International Journal of Information Systems and Change Management (IJISCM) continues to publish its third issue. I am excited to collect and publish six high quality papers for this issue. Topics in this issue are: 'Shared services: a conceptual model for adoption, implementation and use', 'Effectiveness of information systems in supply chain performance: a system dynamics study', 'Understanding technochange in ERP implementation through two case studies', 'A study in forms of organisational change induced by enterprise resource planning', 'Enterprise resource planning systems implementation success' and 'Change management issues in federated ERP systems: an approach for identifying requirements and possible solutions'.

The first paper provides some formative research into the shared services concept by investigating the issues of its adoption, implementation and use within a large Australian publicly owned organisation. Contributed by Adam Craike and Prakash J. Singh (The University of Melbourne, Australia), this research framed shared services as an organisational innovation through the use of existing theories of innovation diffusion and implementation. Empirical data were collected from interviewing field managers to verify the proposed study.

The second paper studies the effectiveness of information systems in supply chain performance through a system dynamics methodology. The dynamic interactions among different variables of the case supply chain have been modelled and analysed in this paper, co-authored by Ashish Agarwal and Ravi Shankar (both from Indian Institute of Technology, India) and Purnendu Mandal (Lamar University, USA). Their simulation results indicate that the influence of information systems on the performance of supply chain is relatively more significant than that of other enabler variables.

Organisational change through 'technochange' is a key outcome to any ERP implementation. Maha Shakir (Zayed University, United Arab Emirates) and Dennis Viehland (Massey University, New Zealand) use two case studies of ERP

implementation to report two variations on the change process. This study found that thoroughly planned ERP implementations score high on outcome success measures while implementations fostering gradual change pay attention to process success measures.

Marie-Claude Boudreau (University of Georgia, USA) conducts a study in forms of organisational change that is induced by enterprise resource planning. Theoretically, the form of an organisational change may be described as evolutionary, revolutionary and as some other perspectives. This research paper recognises the form of an ERP related organisational change as perceived by different stakeholders. In this paper, Professor Boudreau uncovers an alternative view on the form of change through a qualitative longitudinal case study.

Implementing an enterprise resource planning system affects many aspects of an organisation. The next paper investigates the effect of the application of planned organisational change modelling on the reported success of ERP systems initiatives. Contributed by Casey G. Cegielski (Auburn University, USA), Dianne Hall (Auburn University, USA) and Carl Rebman (University of San Diego, USA), this paper's findings are significant to the change management literature.

The last paper discusses change management issues in federated ERP systems. Sven Abels (BTC AG, Germany), Nico Brehm, Axel Hahn and Jorge Marx Gomez (all from University of Oldenburg, Germany) describes change management issues of the conventional ERP systems and emerging issues that dealing with a distributed ERP system. Another contribution in this paper is the offering of possible solutions to ease the process of change within federated ERP systems.

I hope these six papers would continuously add their values and contributions to the field of information systems and change management. You will find these six papers interesting to read.