

---

## Editorial

---

### David C. Chou

Eastern Michigan University,  
Ypsilanti, Michigan, USA  
E-mail: dchou@emich.edu

**Biographical notes:** David C. Chou is a Professor of Computer Information Systems at Eastern Michigan University. He received his BC from Feng-Chia University, an MS from National Taiwan University and MS and PhD from Georgia State University. He has published more than 170 papers in the fields 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 fourth issue. I am excited to collect and publish five high quality papers for this issue. Topics in this issue are: “The impact of software Capability Maturity Model on knowledge management and organizational learning: empirical findings and useful insights”, “Investigating potentially affective factors of online sales: A study on Malaysian business online”, “A context-based dynamic capability perspective of IS/IT organizational fit”, ‘Capturing industry experience for an effective information security assessment’ and ‘Modelling leadership influence on information systems implementation effectiveness’.

The first paper reports empirical findings of the impact of software Capability Maturity Model (CMM) on knowledge management and organisational learning. Emilio Bellini (University of Sannio, Italy) and Corrado lo Storto (University of Naples Federico II, Italy) use qualitative and quantitative methods to analyse data of a software process improvement initiative that conducted in Italian branch of a multinational software company. Their findings suggest that CMM can effectively support and address knowledge management and learning within a software organisation.

The second paper studies the potentially affective factors of online sales in Malaysian market. Ahasanul Haque (International Islamic University Malaysia), Ali Khatibi (University College of Technology and Management Malaysia), Javad Sadegzadeh and Shameem Al Mahmud (both from Multimedia University, Malaysia) survey Malaysian airline tickets online buyers to study the statistical relationship between the potential on online sales and factors affecting online sales. They findings show that electronic sales strategy depends on factors such as identifying consumer online, their motivation upon shopping and prospective products that have potentials of online sales.

The adequate fit between the organisation’s strategy and the IS/IT strategy is the main concern in the next paper. In this paper, Rodrigo Magalhaes (Kuwait Maastricht

Business School, Kuwait) suggests that IS/IT organisational alignment can be achieved through the establishment of favourable IS/IT related climates or contexts. Also, IS/IT organisational fit contexts can be considered as IS/IT related dynamic competencies. This paper provides a conceptual model of IS/IT organisational fit analysis.

Information system security is caught its attention in the information system field. Shu-Chuan Chao (Cleveland State University, USA), Kuanchin Chen (Western Michigan University, USA) and Chien-Hua Lin (Cleveland State University, USA) reported the results from an experience survey to offer insights of the roles of security controls of information system security programmes. Also, an approach to develop Security Assessment Indicators (SAI) with weighted security controls is explained to help security administrators conduct security assessments.

The last paper contributes to the theoretical development of leadership research and IS implementation study by modelling the leadership influence on IS implementation effectiveness. Linying Dong (Ryerson University, Canada) combines transformational leadership theory and Klein and Sorra's innovation implementation model to study the insights of leadership influence on IS implementation. Interesting theoretical findings are reported in this paper.

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