
Editorial

David C. Chou

Eastern Michigan University,
Ypsilanti, MI 48197, 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, MS from National Taiwan University and MS and PhD from Georgia State University. He has published more than 180 papers in the fields of information systems. He served as the President of the Southwest Decision Sciences Institute in 2007–2008 and is the Editor-in-Chief for the *International Journal of Information Systems and Change Management (IJISCM)*. Currently, he serves as an editorial board member for five academic journals.

International Journal of Information Systems and Change Management (IJISCM) continues to publish its Volume 5, Number 2 issue. The objectives of *IJISCM* are to promote the research and practice of the fields of information systems and change management. This journal aims to establish an effective channel of communications amongst educators, information systems workers, managers, and industry practitioners to contribute, disseminate and learn from each others. We welcome your continuous support, communication, and submission to this journal.

The second issue of the Volume 5 collects five high quality papers. Topics in this issue are: ‘Reliability improvement in component-based software development environment’, ‘Personality traits of the enterprise IT application implementation champion’, ‘Performance enhancement model for enterprise resource planning (ERP) projects’, ‘The sources of e-business competitive advantages between travel agencies and online travel service firms in China’, and ‘Evaluating software quality using software metrics for a software product’.

The first article discussed reliability improvement in component-based software development environment. K. Vijayalakshmi (Caledonian College of Engineering, Sultanate of Oman) utilised software quality function deployment techniques to manage software quality management process and software reliability. An empirical analysis to ERP software showed that software quality function deployment method is suitable for improving the quality of component-based software products.

The second article focused on identifying personality traits for selecting successful information technology system implementation champions. Donald Chrusciel (Iowa State University, USA) examined the desirable personality traits of the implementation champion from the perspective of the early adopter, which based on significant change implementation theory. His empirical findings supported that there are certain attributes beyond team and salesperson skills which may be common to successful implementation champions.

The third article developed a performance enhancement model for monitoring enterprise resource planning projects. Parthasarathy Sudhaman (Thiagarajar College of Engineering, India) suggested that requirements management, customisation, ERP project

evaluation, effort estimation, and software process management should be the indicators for ERP implementation's performance enhancement analyses.

The fourth article studied the e-business competitive advantages in China's travel industry. Zhen Zhu and Jing Zhao (both from China University of Geosciences, China) developed a framework that utilising the resource-based view (RBV) theory to analyse the competitive advantage impact on travel agencies and online travel service firms. Their empirical analysis revealed that the main sources of competitive advantage stemmed from strategic initiatives and e-business capabilities.

The last article proposed a model for software quality analysis. Parthasarathy Sudhaman (Thiagarajar College of Engineering, India) measured the characteristics of software quality that defined by the International Standard for Software Product Evaluation ISO/IEC 9126 using a set of proposed software metrics. This research results provided guidance to the software engineering teams for monitoring their software quality.

I hope these five articles would continuously adjoin their values and contributions to the areas of information systems and change management. I would encourage our readers to continue to develop new applications and theories in these fields. The *IJISCM* will continue to serve as an important forum for the exchange of innovative ideas.