
Editorial

David C. Chou

Department of Computer Information Systems,
College of Business,
Eastern Michigan University,
Ypsilanti, MI 48197, USA
Email: dchou@emich.edu

International Journal of Information Systems and Change Management (IJISCM) continues to publish its volume 9, number 1 issue. The objectives of *IJISCM* are to promote the research and practice of the fields of information systems (ISs) and change management. This journal aims to establish an effective channel of communications amongst educators, ISs workers, managers, and industry practitioners to contribute, disseminate and learn from each other. We welcome your continuous support, communication, and submission to this journal.

The first issue of the volume nine collects four high quality papers. Topics in this issue are: ‘Synergies and conflicts among software quality attributes and bug fixes’, ‘Critical success factors for business intelligence system implementation in public sector organisation’, ‘Securing web applications from SQLIA using progressive detector’, and ‘Key issues of information systems management in Botswana’.

The first article addressed the quality issues in software products. Raed Shatnawi intended to identify the evidence of the interrelationships among six quality attributes and with bugs. The six quality attributes are reusability, flexibility, understandability, functionality, extendibility, and effectiveness. An empirical analysis was conducted in this research to find the evolution of these quality attributes in consecutive releases.

The second article investigated the impact of critical success factors (CSFs) in business intelligence (BI) system implementation. Samaneh Salehi Nasab et al. searched a comprehensive classification of CSFs in BI’s implementation success. The main finding of this study showed that, in public sector organisation, the following four CSFs are the most influential, they are culture of learning, decision making culture, information sharing culture, and collaboration culture under culture dimension.

The third article conducted a research on web security and threats analyses. N. Gunaseeli and D. Jeya Mala applied a novel approach to investigate the SQL injection attack (SQLIA) threat on web applications. They proposed a system that could prevent all types of SQLIAs by quick identification of malicious query at run time of web application. Their experimental results showed that the progressive detector prevents all kinds of SQLIAs with minimum time frames.

The last article studied the issues of IS management in Botswana. Klodwig Mgaya, Gangappa Kuruba and Venkata Syamala Jyothi Pallapolu investigated the key IS management issues in Botswana through an empirical study by data collected from IS professionals in Botswana. The empirical analyses indicated that IS security is the key IS management issue in Botswana.

I hope these four articles would continuously adjoin their values and contributions to the areas of ISs 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.