
Editorial

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International Journal of Information Systems and Change Management (IJISCM) continues to publish its Volume 12, Number 1 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 other. We welcome your continuous support, communication, and submission to this journal.

The first issue of the volume twelve collects five high quality papers. Topics in this issue are: 'The intelligent monitoring method for bidirectional referral information resource in hospital based on big data', 'The challenges of capability maturity model integration application in the dynamic environment', 'Intelligent control method for traffic flow at urban intersection based on vehicle networking', 'Time-based hypercompetition' and 'A study on the servant leader's psychological health'.

The first article focused on solving the problems of traditional hospital visit and referrals time waste. Ying Cao and Can Cao proposed an intelligent two-way referral information resource monitoring method based on big data. The experimental results of this study showed that the proposed method was effective, which costed less medical expenses, took less time to visit a doctor, and was more feasible than before.

The second article studies the issue of CMMI-DEV model advancement. Although CMMI-DEV enhances the organisational and functional capabilities to guarantee a competitive advantage, software organisations face strong competitive, dynamic, and environmental challenges. In order to resolve such challenges, Eman Yassien proposed a new model that integrates CMMI-DEV v1.3 and the dynamic capabilities model. This new model was validated using knowledge literature review and experts judgment via Delphi technique. The tested results showed that the new model is applicable in today's environment.

The third article studied the issue of intelligent traffic flow control. Minglei Song, Rongrong Li and Binghua Wu proposed an intelligent traffic control method based on vehicle network for urban intersection. An intelligent traffic control architecture consists of multiple data processing layers to monitor vehicle data transmission. Their experimental results showed that the proposed method has fewer queued vehicles, better control performance and reliability as well as lower vehicle delay.

The fourth article challenged the research area in strategic thinking and time-based competition. Chen H. Chung critically evaluated the feasibility of applying the traditional time-based competition to hypercompetition. His article concluded that by proposing a

new theory of hypercompetition and competition is really a non-issue in hypercompetition.

The final article worked on the issue of servant leader's psychological health. Aboubacar Garba Konte and Xiaohui Li conducted an empirical study to test the effect of the practice of servant leadership on the psychological health of the leader, his commitment, and the intent to quit the organisation. His research found that a positive relationship between servant leadership practice and the job satisfaction of these leaders.

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.