Editorial

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Biographical notes: David C. Chou is a Professor of Computer Information Systems at Eastern Michigan University. He received PhD from Georgia State University. He has published more than 230 papers in the fields of information systems. He served as the President of the Southwest Decision Sciences Institute in 2007–2008 and the President of the Midwest Decision Sciences Institute in 2015–2016. He is the Editor-in-Chief for the *IJISCM*. Currently, he serves as an editorial board member for a number of academic journals.

International Journal of Information Systems and Change Management (IJISCM) continues to publish its Volume 15, Number 3 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 third issue of the volume 15 collects five high quality papers. Topics in this issue are: 'Improving software modularity using many-objective NSGA-III algorithm by utilising many quality parameters', 'Examining the key determinants of AI readiness in Africa', 'OWDRN: optimised, weighted, and distributed recurrent neural network for product recommendation in e-commerce', 'How will communication on digital platforms affect firms' product innovativeness?', and 'Design of group decision-making mechanism based on smart contracts'.

The first paper studied the area on software modularity in software engineering design. To address this issue, Naveen, Randeep Singh and Amit Rathee adopted a software re-modularisation approach that relocates classes to more appropriate modules using eight design quality criteria. Their empirical results of the proposed technique proved to be effective and practical, cost- and time-prohibitive.

The second paper focused on the issue of AI readiness in Africa. Ibrahim Alhassan and Ibrahim Osman Adam applied Technology-organisation-environment (TOE) framework to assess AI readiness across 54 African countries. They used data from the Oxford Insights Government AI Readiness Index and partial least squares structural equation modelling (PLS-SEM) method to examine the situation in Africa. Their statistical analyses identified that digital capacity and human capital as the most significant determinants of AI readiness in Africa.

The third paper studied the issue of product recommendation for e-commerce practice. Bharati Wukkadada proposed a novel approach for production recommendation through OWDRN model, which contained optimised, weighted, and distributed recurrent

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neural network techniques. This new approach was tested to have a high performance with an accuracy rate of more than 96 percent of personalised product recommendation.

The fourth paper focused on the issue of social media platforms on firm's product innovativeness. Iwan Koswara, Teddy Kurnia Wirakusumah, and Asep Saeful Rohman examined the capacity of social media communication to augment environmentally friendly product innovativeness and the impact of two ecological collaborations on this connection. Their empirical analyses found that social media communication did not directly influence environmentally friendly product innovativeness.

The last paper studied the issue of designing group decision-making mechanism based on smart contract. Pin-Chang Su, Yi-En Chen, Bo-Yuan Yang and Cheng-Chun Wu proposed a blockchain-based group decision-making mechanism that integrates a self-certification system, elliptic curve cryptography, threshold signatures, and blind signatures. Their newly design system enhanced the security and automation of the decision-making process.

I hope these five papers 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.