
Editorial

Arasu Pasumpon Pandian*

Vaigai College of Engineering,
Madurai, Melur Road, Therkutheru,
Melur, Madurai, Tamil Nadu 625122, India
Email: pasumponpandian32@gmail.com
*Corresponding author

Fuqian Shi

Wenzhou Medical University,
601, Building 1 Changhai Road,
No. 500 Yangpu District, Shanghai, China
Email: sfq@wmu.edu.cn

Rajaguru Harikumar

Bannari Amman Institute of Technology,
Alathukombai Post, Erode District,
Sathyamangalam, Tamil Nadu 638401, India
Email: harikumarrajaguru@gmail.com

Biographical notes: Arasu Pasumpon Pandian received his PhD in the Faculty of Information and Communication Engineering under Anna University, Chennai, TN, India, in 2013. He received his Graduation and Postgraduation in Computer Science and Engineering from the PSG College of Technology, Coimbatore, TN, India, in 1993 and 2006, respectively. He is currently working as a Professor in the Computer Science and Engineering Department of KGiSL Institute of Engineering and Technology, Coimbatore, TN, India. He has 23 years of experience in teaching, research and IT industry. He has published more than ten research articles in international journals. His research interest includes image processing and coding, image fusion, soft computing and swarm intelligence.

Fuqian Shi is currently working as a Professor in the Wenzhou Medical University, China. His research interest includes computer networks, computer programming, computer graphics, image processing, data structure, operating system and medical informatics.

Rajaguru Harikumar received his BE in ECE from the NIT (REC) Trichy, in 1988. He obtained his ME in Applied Electronics from the College of Engineering, Guindy, Anna University, Chennai, in 1990. He was awarded his PhD in Information and Communication Engineering from the Anna University, Chennai, in 2009. He has 28 years of teaching experience at the college level. Currently, he is working as a Professor of ECE at the Bannari Amman Institute of Technology, Sathyamangalam. He has published 11 books, 168 papers in international and national journals and also published around 225 papers in international and national conferences conducted both in India

and abroad. His areas of interest are bio-signal processing, soft computing, medical image processing, VLSI design and communication engineering. He is a life member of the IETE, IAENG and ISTE and member of IEEE.

In recent years, sustainable information systems (SIS) are recognised as the rapidly expanding research area in the field of information and communication technologies. SIS tends to deliver a positive effect on our environment with a societal, economical and eco-friendly architecture. The recent technological advances like smart sensors, internet of things, cloud computing, and edge intelligence are remaining more competitive for integrating sustainability into their underlying architecture. In this scenario, the integration of computational intelligence techniques in SIS results in a new research field called computational sustainability.

The new era of computational sustainability aims to optimise the information system (IS) resources by using the emerging technologies like artificial intelligence, deep learning, data modelling, data analytics, and also by setting up green data centres. This special issue on 'Computational intelligence in sustainable information systems', aims to resolve the theoretical and practical challenges in making the emerging ISs more sustainable in nature. Furthermore, this special issue reports about the recent advances in computational intelligence techniques that promotes the sustainable computing paradigm into existence.

This special issue has received number of submissions and from that twelve papers have been selected after the peer review process followed by the Inderscience *International Journal of Intelligent Enterprises*.