
Editorial

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Biographical notes: S. Smys received his ME and PhD all in Wireless Communication and Networking from the Anna University and Karunya University, India. His main area of research activity is localisation and routing architecture in wireless networks. He serves as an Associate Editor of *Computers and Electrical Engineering (C&EE)* journal, Elsevier. He served as a reviewer for the IET, Springer, Inderscience and Elsevier journals. He has published many research articles in refereed journals and IEEE conferences. Currently, he is working as a Professor in the Department of CSE at RVS Technical Campus, Coimbatore, India.

Joy long-Zong Chen is currently a Full Professor of the Department of Electrical Engineering, Dayeh University at Changhua, Taiwan. Prior to joining the Dayeh University, he worked at the Control Data Company, Taiwan as a Technical Manager since September 1985 to September 1996. His research interests include wireless communications, spread spectrum technical, OFDM systems, and wireless sensor networks. He has published a large number of SCI journal papers in the issues addressed physical layer for wireless communication systems. Moreover, he also majors in developing some applications of the internet of thing (IoT) techniques and he owned some patents authorised by the Taiwan Intellectual Property Office (TIPO).

The convergence of sustainable and energy-efficient networking and communications has developed to meet the growing research demand of the recent information and communication technologies (ICTs). Meanwhile, the recent computing technologies like cloud computing, IoT and so on are used extensively for performing the future-generation computing processes in the existing wireless communication network models. These type of sustainable and networked communication models both the wireless and mobile architectures, tends to make a significant and impressive impact on the fast-paced societal development of human lives. With its extensive ubiquitous architecture, sustainable wireless systems have the tendency to reach and connect the increasing number of population in the world.

In order to eliminate the significant challenges of energy issues, reduction of fossil fuels, and dynamic global climatic changes, sustainable communication networking systems develops a sustainable and environment friendly wireless and mobile communication models and promotes the green communication architectures in the emerging cloud computing models. Hence, the synergy of sustainable computing, wireless networks and cloud computing are emerging as one of the potential research areas within the sustainable communications domain. Furthermore, this sustainable networks research covers the extensive areas of communication networks viz. green data centres, energy-efficiency management, efficient network resource management models, implication of social, economic and environment protection models. This special issue is started with the main aim to address the significant advances and challenges in sustainable wireless communication networks and cloud computing models.