Editorial

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Biographical notes: Zheng Xu is currently a Professor at Shanghai Polytechnic University, China. He has authored or co-authored more than 200 publications. He is with over 4300 citations (H-index 32). He is the Editor-in-Chief of *Cyber-Physical Systems*, and the Editor-in-Chief of *International Journal of Information Technology, Communications and Convergence*. His paper entitled 'Ensemble-based multi-filter feature selection method for DDoS detection in cloud computing' obtained EURASIP Best Paper Awards 2019.

Octavio Loyola-González received his PhD in Computer Science at the National Institute for Astrophysics, Optics, and Electronics, Mexico, in 2017. Currently, he is an AI Executive Consulting Manager at NTT Data and responsible for overseeing the operations and activities of data scientists. He is actively involved in publishing scientific papers and books in reputable journals to promote advancements in AI research.

Vijayan Sugumaran is currently a Distinguished Professor of management information systems and the Chair of the Department of Decision and Information Sciences, Oakland University, Rochester, MI, USA. He is also the Center for Data Science and Big Data Analytics Co-Director of Oakland University. He is the Editor-in-Chief of *International Journal of Intelligent Information Technologies*.

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1 Introduction

The path toward sustainability has led to an increasing amount of attention being paid to life cycle analysis, which promotes practices such as recycling and remanufacturing. With its economic and environmental benefits, the closed-loop supply chain has played an important role in the circular economy for many years. Green supply chain management as a concept provides a framework for imbibing environmental considerations into the operations and activities of companies. As a result, it helps companies monitor the environmental dimensions of their supply chain network and continuously improve supply chain performance. By addressing the environmental dimensions of supply chains, GSCM seeks to address the utilisation of materials and natural resources, as well as the resulting environmental impacts of the use of these resources.

The aim of this special issue is to gather papers that address the measurement and management of green supply chain, including case studies, papers that present methodological frameworks, and empirical research that has been conducted in any business environment that applies to green supply chain. In this part 1, five papers are published.

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