

Guest Editorial Preface

Special Issue on Business Data Analytics and Management

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This IJDSST Special Issue on “Business Data Analytics and Management” includes selected papers from the EURO Working Group on Decision Support Systems’ 1st International Conference on Decision Support System Technology (ICDSST) in Belgrade (Serbia), May 27th-29th, 2015, as well as selected papers from the DSS Stream from the 27th European Conference on Operational Research (EURO) in Glasgow (UK), July 12th – 15th, 2015.

The goal of this Special Issue is to present recent advances in Business Data Analytics and Management in the context of the Big Data Era. We are proud to have selected a well-balanced collection of high-quality research and application-oriented papers, devoted to recent advances in the special issue topic.

The 4 papers included in this volume tackle several important issues in Business Data Analytics and Management from different perspectives. The first paper by Fatima Zohra Benkaddour, Noria Taghezout, and Bouabdallah Ascar presents a real-life application of enterprise knowledge capitalization. The second paper by Imene Benatia, Ridda Laouar, Hakim Bendjenna, and Sean Eom proposes an infrastructure and deployment process of a cloud-based decision support system. The third paper by Isabel C. Lisboa, Joana Vieira, Sandra Mouta, Sara Machado, Nuno Ribeiro, Estêvão Silva, Rita A. Ribeiro, and Alfredo F. Pereira, proposes a multicriteria decision-making model for innovative in-vehicle information system selection. The fourth paper by Milan Dobrota, Boris Delibašić, and Pavlos Delias, proposes a model for injury risk assessment based on skiing traces.

We are delighted to have included in this IJDSST Special Issue a set of high quality and interesting pieces of research, authored by researchers and professionals coming from different research institutions across different continents. We are grateful to all reviewers, and authors, for the collaboration and work they have put into this special issue. We hope that you will also enjoy reading it and that the presented results can be useful for your further research projects.

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Guest Editors

IJDSST

Boris Delibašić is Associate Professor at the University of Belgrade - Faculty of Organizational Sciences (School of Management). In 2007 he received his PhD from the University of Belgrade. From 2012 he holds the current position. Since 2011 he is coordination board assistant at the EURO working group on Decision Support Systems (EWG-DSS). His main research interests are decision support systems, machine learning algorithm design, business intelligence, and multi-attribute decision making.

Shaofeng Liu is Professor of Operations Management and Decision Making at the University of Plymouth, UK. She obtained her PhD degree from Loughborough University, UK, specialising in Knowledge and Information Management for Global Manufacturing Co-ordination Decisions. Her main research interests and expertise are in knowledge-based techniques to support business decision making, particularly in the areas of knowledge management, integrated decision support, ERP systems and quantitative decision methods for lean operations, process improvement, resource management, quality management, and supply chain management. She is currently supervising 10 PhD students in above research areas. Published over 130 scientific papers. Associate Editor for Journal of Decision Systems and Senior Editor for Cogent Business & Management (both journals published by Taylor & Francis). Involved in a number of influential research projects with total value over €40M, including FP6 VIRTUE (€15M), FP6 SAFEDOR (€18M) and UK NECTISE (£8.4M). Currently PI and Co-I for two EU projects (one H2020 MSCA QoE-NET and one Erasmus Plus project on Entrepreneurship) and one post-doc Knowledge Transfer Partnership project funded by Innovate UK. Co-ordination Board member for Euro Working Group on Decision Support Systems (EWG-DSS).

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