
Call for Papers
Annals of Operations Research
Special Volume: Big Data Analytics in Operations and Supply Chain Management

The *Annals of Operations Research* seeks submissions for a special volume on ***Big Data Analytics (BDA) in Operations and Supply Chain Management***. The deadline for submission is March 15, 2016.

The main topics of interest are:

- Operations research models for big data analytics in supply chain management
- BDA-enabled business analytics at the plant location, organizational, and supply chain levels
- In-depth and longitudinal case studies and pilot studies on the implementation of IT infrastructure to support big data initiatives for improved operations management, lean and agile operations, quality management in operations and supply chain management
- New theory development to explain the adoption and use of BDA in operations at the organizational and inter-organizational levels
- Empirical studies assessing the business value of BDA in terms of quality management, new products, and services design; improved internal and supply chain operations capabilities
- Revisit current institutional theory, resource dependence theory, transaction cost economics theory, agency theory, resource based view theory, and ecological modernization theory using BDA
- Exploring social capital theory using BDA in supply chain network design
- Redefining supply chain coordination mechanism using social actors network theory supported by big data
- Building robust supply chain risk model using BDA
- Assessing the impact of BDA on performance measurement systems in operation management and supply chain
- Assessing the impact of BDA on predictive maintenance for industrial products

Instructions for authors can be found at:

<http://www.springer.com/business/operations+research/journal/10479>

Authors should submit a cover letter and a manuscript by March 15, 2016 via the Journal's online submission site. Manuscripts submitted after the deadline may not be considered for the special volume and may be transferred to a regular volume.

Please see the Author Instructions on the web site if you have not yet submitted a paper through Springer's web-based system, *Editorial Manager*. Be sure to note when leaving a comment that your work is intended for the special volume and to select the article type "***S.I. Big Data Analytics in Operations & Supply Chain Management.***"

Papers will be subject to a strict review process managed by the Guest Editors and accepted papers will be published online individually, before print publication.

Guest Editors:

1. Professor Samuel Fosso Wamba (Managing Editor), NEOMA Business School, France
2. Professor Angappa Gunasekaran, University of Massachusetts Dartmouth, USA
3. Professor Eric W. T. Ngai, Department of Management & Marketing, Hong Kong Polytechnic University, Hong Kong
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