



OMEGA

The International Journal of Management Science

AUTHOR INFORMATION PACK

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DESCRIPTION

Omega reports on **developments** in **management**, including the latest research results and applications. Original contributions and review articles describe the state of the art in specific fields or functions of management, while there are shorter critical assessments of particular management techniques. Other features of the journal are the "Memoranda" section for short communications and "Feedback", a correspondence column. *Omega* is both stimulating reading and an important source for practising managers, specialists in management services, operational research workers and management scientists, management consultants, academics, students and research personnel throughout the world. The material published is of high quality and relevance, written in a manner which makes it accessible to all of this wide-ranging readership. Preference will be given to papers with implications to the practice of management. [Submissions](#) of purely theoretical papers are discouraged. The review of material for publication in the journal reflects this aim.

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We seek submissions related to the use of optimization and Business Analytics models and techniques to address practical optimization and Business Analytics challenges. Of particular interest are papers that present effective and contemporary modeling and solution approaches for a novel application area, as well as those papers that contain breakthroughs on solving established problems in application domains of considerable interest.

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Professor Oleg Prokopyev, University of Pittsburgh, Pittsburgh, Pennsylvania, PA 15261, USA

We seek submissions related to the use of optimization models and techniques to address practical optimization problems. Of particular interest are papers that present effective and contemporary modeling and solution approaches for a novel application or application area, as well as ones that contain breakthroughs on solving established problems in application domains of considerable interest. Papers on problems arising in private and public sectors, including the area of health care systems and service delivery, are welcome.

Professor Larry Snyder, Lehigh University, Bethlehem, Pennsylvania, PA 18015, USA

We invite submissions emphasizing methodological and analytical exposition of theoretical constructs applied to solving highly relevant business problems in the general areas of Supply Chain Management and Business Analytics. The scope of topics in this research area is wide and inter-disciplinary. Topics emphasizing the intersection of Operations Management with problems / issues in information and knowledge management, enterprise resource planning and integrated systems, quality management, and systems engineering will be entertained for publication. We are interested in promoting research in emerging areas such as sustainable supply chain operations and design, data-driven modeling, and retail management in the public and private sectors. Papers emphasizing model development, as well as operational and system-wide improvements are especially encouraged.

Professor Joe Zhu, Worcester Polytechnic Institute, Worcester, Massachusetts, MA 01609, USA

We seek to publish high quality papers in the area of data-driven analytics, using a variety of methodological and applied data analysis and decision making approaches for improved managerial decision making practices. These approaches include, but are not limited to, data envelopment analysis, multicriteria decision analysis, and data analytics tools for handling big data. Suitable papers should make either (1) theoretical/methodological contribution by aiding in the modeling and improvement of specific strategic or operational issues, or (2) empirical/practical contribution that demonstrate significant impacts on operational practice and business intelligence. We encourage papers which deal with multi-objective and interdisciplinary problems such as innovative applications of data-oriented tools in service operations and sustainable operations issues across the interface between the economic, environmental, and social dimensions of the triple bottom line. All published papers must meet a high standard of rigor and validity, and the research findings should provide new insights and implications to the practice of management science.

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Professor Erwin Pesch - University of Siegen, D-57068 Siegen and HHL Leipzig Graduate School of Management, D-04109 Leipzig, Germany
Production Management, Scheduling and Logistics.

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We seek to publish high quality papers in the area of data-driven analytics, using a variety of methodological and applied data analysis and decision making approaches for improved managerial decision making practices. These approaches include, but are not limited to, data envelopment analysis, multicriteria decision analysis, and data analytics tools for handling big data. Suitable papers should make either (1) theoretical/methodological contribution by aiding in the modeling and improvement of specific strategic or operational issues, or (2) empirical/practical contribution that demonstrate significant impacts on operational practice and business intelligence. We encourage papers which deal with multi-objective and interdisciplinary problems such as innovative applications of data-oriented tools in service operations and sustainable operations issues across the interface between the economic, environmental, and social dimensions of the triple bottom line. All published papers must meet a high standard of rigor and validity, and the research findings should provide new insights and implications to the pr

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