# OMEGA
The International Journal of Management Science

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### DESCRIPTION

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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.**

High quality papers with a special focus in Production Management, Scheduling and/or Logistics are very welcome. Research may include deterministic or stochastic, robust and multi-objective or game-theoretic approaches, heuristics or exact methods or approximations in the variety of the aforementioned areas. We are especially interested in models and methods resulting from real applications, e.g. from manufacturing, project scheduling, health care, transport and routing or personnel planning, as well as in more theoretical papers solving a long standing research question.

**Professor Archis Ghate** - University of Washington, Seattle, Washington, USA  
**Optimization; Health Care Systems and Applications.**

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**Professor Joe Zhu** - Worcester Polytechnic Institute, Worcester, MA 01609, USA  
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