

International Journal of Production Research

Special Issue On

Modelling and Analysis of Outsourcing Decisions in Global Supply Chains

Guest Editors: Angappa Gunasekaran and Zahir Irani

CALL FOR PAPERS

Global markets and competitiveness together with information technology have forced companies around the world to change the way they manufacture and sell their products. Companies now need to compete based on multiple competitive performance objectives such as price, quality, dependability, flexibility and responsiveness. Outsourcing has become a key strategic component to develop a cost effective global supply chain in order to meet the increasing needs of customers in terms of flexibility, responsiveness and cost. However, little research dealing with modelling and analysis of outsourcing decisions and performance measurement, by quantifying both the inputs and outputs with the objective of making correct decisions about outsourcing in a global supply chain, has been published.

The aim of this special issue is to help researchers and decision makers to understand the processes involved in outsourcing decisions and performance measurement. It is intended that contributions will provide a better understanding of modelling and analysis to evaluate outsourcing deployments, through identifying the constructs associated with global supply chains.

The special issue will present researchers and senior managers with analytical and simulation models, and the conceptual and empirical bases for various outsourcing decisions and their performance outcomes in a global supply chain. Emphasis will be placed on outsourcing modelling and performance measurement in a global supply chain. The application of operations research techniques will be explored.

The prime objective of the special issue is to publish original works that demonstrates the application of operations research/management models and interesting empirical results arising from research on the evolving approaches and concepts of outsourcing decision-making. Contributed papers may deal with but are not limited to:

- Evaluating the impact of strategic outsourcing decisions
- Performance measures and metrics in outsourcing
- Implications of outsourcing on a global supply chain
- Qualitative and quantitative evaluation techniques
- Technology management in outsourcing
- Capital budgeting and financial appraisal of outsourcing decisions
- Cost/benefit and risk considerations/realizations in outsourcing
- Social/human aspects of decision making
- Macro-economic or industry-wide assessment of outsourcing
- IT/IS projects in outsourcing and global supply chains
- Justification of outsourcing reasons and benefits
- Strategic Vs. tactical outsourcing
- Selecting the outsourcing alternatives
- Evaluating the impact of outsourcing on global supply chain configuration
- Performance measures and tools in outsourcing
- Selecting firms for outsourcing
- Partnership sourcing

Submission guidelines and important dates

Manuscripts should be between 5000-7000 words in length, with all contributions being subjected to a double blind review process. There should be a separate title page giving the names and addresses of the authors. Manuscripts must be sent electronically to one of the guest editors no later than **May 31, 2008**, and should follow the guidelines of the *International Journal of Production Research* - <http://www.tandf.co.uk/journals/titles/00207543.asp>

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