

## **CALL FOR PAPERS**

### ***International Journal of Production Economics***

Special Issue on

#### **Enterprise Risk Management in Operations**

Special Issue Guest Editors

Prof. Desheng Dash Wu, Prof. David Olson and Prof. John Birge

#### **Introduction**

Enterprise risk issues have recently been extensively discussed in both industry and academia. Enterprise Risk Management (ERM), as a new terminology, can be defined as the integrated process of identification, analysis and either acceptance or mitigation of uncertainty in investment decision making. The use of high-tech for loss-prevention in natural disasters and accidents, and quantitative models to assess derivative risk in insurance and finance, has expanded substantially in the past decade. Encouraged by ERM's success in dealing with the difficulties in the aftermath of traumatic events such as the 9-11 terrorist attack in New York and business scandals such as Enron and WorldCom, ERM has not only developed a control focus, but most importantly it remains a tool to enhance the value of systems, both commercial and communal. ERM advocates that taking an integrated approach to risk management in organizations is the most effective way for firms to manage their risks.

It has been recognized that ERM has many perspectives and most of the ERM concepts and tools can be applied to operations of firms and agencies, both private and public, going beyond financial assets. However, this broad area remains under-developed due to a lack of connection between research in operations and finance. The purpose of this special issue is to explore various aspects of ERM, with a focus on ERM in operations.

This special issue is intended to publish the latest research on ERM and its application to operations. While research in the broad area of ERM encompasses a wide range of topics and methodologies, we expect this special issue to provide a good snapshot of current and emerging concepts, tools, approaches, issues, and trends within the field. The aim of this special issue is to disseminate state-of-the-art research on ERM in operations. Authors are encouraged to submit papers that employ both quantitative and quality research methodologies such as modelling, optimization, algorithms, simulation, questionnaire surveys, event studies, case studies etc,

addressing the theme of the special issue.

### **Topics**

Potential topics include, but are not limited to:

- Enterprise risk management tools and methods
- Risk analysis of production processes
- Real options in operations management
- Product planning under uncertainty
- Real options in logistics
- Operational risk in supply chains
- Outsourcing decisions with uncertainty
- Effects of supply chain risk on firm financial performance
- Simulation in operations
- Operations decision making in risk management
- E-business risk
- Multi-criteria decision making in services
- Marketing science risks
- Technology investments under risk
- Banking operations, e.g., credit scoring
- Competition and collaboration risk in services
- Insurance and reinsurance in production economics
- Using derivatives for operations risk management
- Natural disasters and operations management

### **Manuscript Preparation and Submission**

Paper submissions must be original and contain significant contributions to the theme. To prepare their manuscript, authors are asked to closely follow the “Instructions to Authors” that is available at: <http://ees.elsevier.com/ijpe/>. Manuscripts will be refereed according to the standards of *International Journal of Production Economics*. Authors should submit the manuscript by **31 December 2009** via EES <http://www.ees.elsevier.com/ijpe/> and select “Special Issue: Enterprise Risk Management in Operations” when asked to indicate the “Article Type” in the submission process. Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Manuscripts should normally not exceed 15 printed journal pages (around 30 manuscript pages double spaced with 12 points font). It is important for *IJPE* to relate articles with other works previously published in *IJPE*. Therefore, authors are encouraged to refer to other works previously published in *IJPE*.

### **Publication Schedule**

Deadline for paper submission: 31 December 2009

Notification of review results: 31 March 2010  
Deadline for revision: 30 June 2010  
Expected publication date: Autumn 2010

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