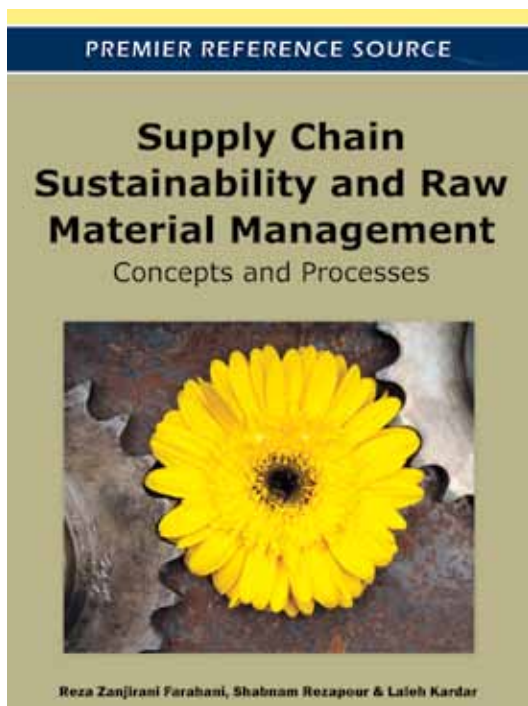


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## Supply Chain Sustainability and Raw Material Management: Concepts and Processes



Reza Zanjirani Farahani (Kingston University London, UK),  
Shabnam Rezapour (Urmia University of Technology, Urmia, Iran)  
and Laleh Kardar (University of Houston, USA)

Many organizations find supply chain management an essential prerequisite to building a sustainable competitive edge for their services or products. While interest in SCM is enormous, lack of theoretical frameworks and real world applications often characterizes research in the field, and effective management of the supply chain remains elusive.

**Supply Chain Sustainability and Raw Material Management: Concepts and Processes** is a comprehensive and up-to-date resource for operations researchers, management scientists, industrial engineers, and other business practitioners and specialists looking for systemic and advanced discussions of supply chain management. By presenting qualitative concepts, quantitative models, and case studies, this book is a coherent guide to creating long-term and sustainable performance for organizations who want to compete in the global market.

### Topics Covered:

- Green Supply Chain Management
- Lean, Agile and Leagile Supply Chain Management
- Logistics Management
- Operations Management
- Real-Life Supply Chain Planning
- Supplier Relationship Management
- Supply Chain Management
- Supply Chain Risk Management
- Sustainable Supply Chain Management

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**Reza Zanjirani Farahani** graduated with a PhD in Industrial Engineering from Sharif University of Technology. Dr. Farahani has around 12 years experience in academia and business including at National University of Singapore (2 years as Research Fellow A), Sharif University of Technology (4.5 years as teaching fellow) and Amirkabir University of Technology (5.5 years as assistant Prof. and associate Prof.). Farahani is currently working as Senior Lecturer at Kingston Business School. Over recent years he has published many journal papers mostly published in top tier journals like *European Journal of Operational Research*, *Journal of Operational Research Society*, *Computers & Operations Research*, *International Journal of Production Research*, *International Journal of Production Economics*, *Computers & Industrial Engineering*, and *Annals of Operations Research* in various areas of operations management like supply chain management and outbound logistics, inbound logistics, operations management, transportation planning, facilities planning, facilities location and facilities design using traditional and modern operations research techniques. Moreover, he has several published and accepted books and book chapters with leading publishers like Springer-Verlag, Elsevier, and IGI Global. Dr. Farahani has had many grants over last 10 years from different industries.



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