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Special Issue on  
**Logistics**

**Mohammed Essaadi & Jaouad Boukachour**  
*Guest Editors*

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## Guest Editorial (Vol. 10, No. 2, November 2013)

From initial concept through the final decommissioning and disposal, the supply chain and logistics play a pivotal role in every product's lifecycle. Manufacturing and production are the heart of the chain, though products may range from simple services up to large procurement projects with characteristics of long product lifetime, unpredicted adaptations and long lead times to delivery. Operating in a simultaneously cooperative and competitive global environment, the supply chain is populated by independent entities vying in their use of scarce private and public resources and infrastructure to achieve their schedule, specification, cash flow and profit goals.

Like a complex system, the supply chain is a complex set of entities and systems interconnected by numerous physical, financial and information flows, and, as with all systems, there are significant technical risks of failure.

Also, current environmental pressures ranging from border security and safety to the need to reduce energy consumption and cut greenhouse gas emissions impact of supply chain.

Finally, recent advances in sensor networks, intelligent product, tracking systems, communications, and information technologies, have led to the development of innovative applications.

The 1<sup>st</sup> IEEE International Conference on Logistics Operations Management (GOL'12) aimed at bringing together researchers and professionals interested in logistics not only from a technology standpoint but also from a social sciences perspective. This multi-disciplinary approach has examined the current state of the art focusing on new techniques and models relevant to the operations management of various logistics flows. The conference's scope covered several topics such as logistics systems modelling, decision support systems, information systems, legal and regulatory environments, framework and control of the global logistics chain, manufacturing organization, transport and storage operations, performance modelling and measurement, and, risk analysis and planning. From papers that were accepted at GOL'12 we invited the best 10 papers on computer science and finally we selected 5 papers for publication in this special issue.

To conclude, we would like to thank all the reviewers for their time and efforts.

Mohammed Essaadi  
Jaouad Boukachour  
*Guest Editors*



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