

CALL FOR PAPERS

Australian Journal of Basics and Applied Sciences

Special Issue on

Logistics, Supply Chain and E-Commerce in Governmental, National and International Environments

Guest Editors

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Submission Deadline: 30 June 2009

In recent years, the area of logistics and supply chain management (SCM) has become very popular and E-Commerce (EC) has been serving them as an important infrastructure or even their backbone! This is evidenced by marked increases in practitioner and academic publications, conferences, professional development programs and university courses in the area. It seems that, the essentials of the original SCM environment lies in collaboration of a) more than one b) private and c) legally separated d) large enterprises (LEs) which work in a e) competitive environment. These characteristics can be changed in tomorrow's SCs. In the following you can see **several concepts, philosophies, visions, strategies, major changes, real-world, business and industrial applications and focusing on different concern in developing and developed countries:**

- International Themes
 - Globalization causes GSCM (Global Supply Chain Management) gets serious. As a result, because of long geographical distances, using 3PLs, 4PLs, 5PLs, multi-modal transportation, inter-modal transportation, virtual logistics (like virtual warehouses, virtual transportation, etc.) and direct shipment will be more usual.
 - Trade facilitation has become a key feature in supply chain security and customs modernization programs. EC helps to simplify and harmonize the trade procedures using EC standards, protocols and formats, new policy frameworks and paperless networks
- National Themes

- *The greening of the SC*: It's just starting to ignite, but it could be one of the most significant trends of coming years. Reverse logistics, closed-loop SC, green SC and designing sustainable SCs (considering technological uncertainties, societal uncertainties, and political uncertainties) are going to be more important. How to motivate changes that help consumers but do not help the firms at all?
 - SMEs (Small and Medium Enterprises) will support and cooperate with SCs; ex. forming export clusters, vertical integrations and signing very long term agreements. Therefore, facilitating such an integration process will be very important.
 - Developing EC infrastructures is an important issue in rising EC in national economy. This development should be attended in all aspects such as security & privacy issues, legal & ethical issues, using new technologies, developing e-strategies & IT master plans and deploying e-learning and virtual education.
 - Managing risks in supply chains that face unanticipated disruptions.
 - SCs including private organizations will provide services that previously were in the charge of governments (like managing disasters and wars using private organizations).
 - Redesigning SC networks especially for large size SCs.
- Governmental Themes
 - E-government surveys and expansion of e-services in governmental issues along with the effects to establish digital economy are the ones of main the themes of this special issue. How to use knowledge management in public sections? How data mining can help to extract needs and behaviors of citizens? How enterprise information systems (i.e. ERP, ERPII and so on) should be evaluated and implemented? How collaborative commerce in SCM should be developed? How SRM (Supplier Relationship Management) & PRM (Partner Relationship Management) should be constituted?
 - *SCM and economy of scale*: As the approaches become more sophisticated do they become a barrier to entry? Which practices protect the firm from competition even if they add inefficiencies?
 - *Evolution of supply chain structure*: How economic and technological forces lead to changes in structure? If we do not understand this then we do not know where SCM is actually going (like joining EU and its regulations).
 - EC measurement to evaluate EC readiness, the progress of EC usages and EC effects in public and private society
 - Challenges of union countries and GSCM.

The above topics are applicable in the developed countries. Naturally, the problems in the developing countries are different. The developing countries won't have any contribution in enhancing state-of-the-art of SCM & EC especially in concepts, philosophies, visions, strategies, problems/ models solution techniques, problems modeling and technologies. These countries need more educational plans (ex. through launching SCM & EC departments) and different applied project to overcome their problems. These are high interest rates, less competitive markets, lack of market information, poor transportation infrastructure, poor communication infrastructure, slow and ineffective court systems, tax distortions and counterproductive transportation regulation. **Most of the authors in the published papers are from North America and Europe, and the context taken by them is also from these countries.** It would be better if in future these researchers also investigate supply chain issues of the other parts of the world, especially the developing countries which are now becoming either the sourcing centers or markets of many companies.

Topics include (but are not limited to) areas such as the following:

- ✓ Calculation of National Logistics Costs
- ✓ Performance Measurements of National Supply Chains
- ✓ Spatial Analysis and Land-Use Planning
- ✓ National Supply Chain Network Design
- ✓ Privatization
- ✓ Export Clusters

- ✓ Green Supply Chain Management
- ✓ Logistics and Supply Chain Management in Disasters
- ✓ Military Logistics and Supply chains
- ✓ Role of Governments and International Unions in Having Efficient Supply Chains
- ✓ Supply Chain of Small or Medium Sized Enterprises (SMEs)
- ✓ Similarities and Conflicts between Global SCM, National SCM and Private SCM
- ✓ EC in Trade Facilitation
- ✓ EC Standards: EDI, ebXML
- ✓ EC Security, Privacy & Trust
- ✓ EC Technologies: RFID , Wireless Tech
- ✓ E-Learning & Web Based Education
- ✓ Policy, Legal & Ethical Issues
- ✓ E-Strategy & IT Master Plan
- ✓ E-SCM & E-Logistic
- ✓ Knowledge Management in Governmental Issues
- ✓ Enterprise Information Systems (EIS)
- ✓ Business Intelligence & Data Mining in National Economy
- ✓ E-Banking & E-Payment
- ✓ Digital Economy
- ✓ E-Government Surveys
- ✓ EC-Measurement & Impact in National Economy
- ✓ EC- National Maturity & E-Readiness
- ✓ EC-Experience & Best Practice in Developing Countries

Please submit to one of the two editors of the special issue by **30 June 2009**. Papers must comply with the formatting requirements of **Australian Journal of Basics and Applied Sciences**. The target publication date for the printed special issue is May 2010.

IMPORTANT DATES:

Guest Editors receive emailed titles and abstracts by 31 March 2009

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