

BOOK REVIEW

Environmental Issues in Logistics and Manufacturing Series Paulina Golinska (ed).

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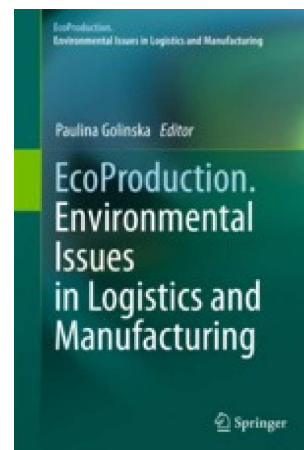
An environmental consciousness is a new driver for the competitiveness of the companies. That is translated into a growing concern on environmental challenges in logistics and production management among number of researchers around the world. Environmental awareness is driven mainly by the scarcity of natural resources and by more strict legal regulations. Different governments impose every year a new regulations for environment protection and then, researchers need to include these new constraints and objectives functions in their models in order to better understand the new reality. Moreover companies have started to perceive the utilization of the recycled materials and remanufactured components as a new way of costs reduction. Planning, developing and controlling of manufacturing processes and technologies should not only support the goal of high productivity but also it should respond to the need of resource and energy conservation and pollution prevention.

EcoProduction is a business approach which focuses on the most efficient and productive use of raw materials and natural resources in order to minimize footprints on the natural environment

The EcoProduction Series aims to be a forum for presenting an emerging environmental issues in Logistics and Manufacturing. Its main objective is a multidisciplinary approach to link the manufacturing and logistics studies with the sustainability issues. It encompasses monographs and selected conference proceedings, which are authored or edited by leading experts, as well as by promising young scientists.

The Series aims to provide the impulse for new ideas by reporting on the state-of-the-art and mo-

tivating for the future development of sustainable manufacturing systems, environmentally conscious operations management and reverse or closed loop logistics. It brings together academic, industrial and government personnel from various countries to present and discuss the challenges for implementation of sustainable policy in the field of production and logistics.



Up to now in the series are published 10 monographs. The new titles in the series are:

- Environmental Issues in Automotive Industry,
- Sustainable Urban Logistics: Concepts, Methods and Information Systems,
- Assessment of Environmental Impact by Grocery Shopping Bags,
- Assessment of Carbon Footprint in Different Industrial Sectors – Volume 1&2.

The book entitled: **Environmental Issues in Automotive Industry** (P. Golińska ed.) presents a broad scope of current issues important for the development of environmentally friendly management in automotive sector. It is a composition of theoretical trends and practical applications. The advantage of this book is presentation of specific applications from a number of different countries around world. Authors present the results of the theoretical and empirical research related to the following topics:

- sustainability in automotive industry,
- tools and methods for greener decision making,
- recovery of end-of-life vehicles.

This book includes research contributions of geographically dispersed authors from Europe, North America, and Asia.

Sustainable Urban Logistics: Concepts, Methods and Information Systems by Gonzalez-Feliu, Jesus, Semet, Frédéric, Routhier, Jean-Louis (Eds.) presents a multidisciplinary view on urban logistics. It highlights the complexity of urban systems. The book proposes to unify and standardize methods on city logistics planning and integration. The authors focus not only on people transportation but also address the recent problems in urban movement of goods, like problems with data collection, freight planning, optimization of goods flow in urban environment. The book highlights the importance of private actors and local governance cooperation and it shows how supply chain management can deal with the problems of the last urban mile and its integration in global logistics chains.

Assessment of Environmental Impact by Grocery Shopping Bags written by Li Muthu, Subramanian Senthilkannan presents the recent problem of a growing volume of grocery bags on our planet. The topic is an important one and up to now it has been not very often addressed in scientific stud-

ies in the area of logistics. Authors review the manufacturing processes of shopping bags, usage of different shopping bags, and their end-of-life stages concerning their eco-impacts. Authors provide the case studies of the consumers behavior in different countries for various shopping bags. They make quantification of environmental impact, ecological sustainability and recyclability potential of various raw materials used for shopping bags.

Assessment of Carbon Footprint in Different Industrial Sectors – Volume 1 edited by Li Muthu, Subramanian Senthilkannan presents the challenges related to the Carbon footprint reduction. The scope of the book covers methodology for assessment of Carbon footprint for different products, processes and services, as well as carbon labeling of products. Authors present practices from different industries and countries. It is the main advantage of this book because every industry has its unique carbon emission assessment and modeling techniques, as well as carbon emission allocation procedures and mitigation methods, as well as carbon labeling strategies. This book present in detail case studies on Carbon footprint and provides recommendations for further research in that field.

Springer Verlag plans to publish in the EcoProduction series about 4-5 titles per annum. At present the “call for chapter” is open for the forthcoming titles:

- Logistics Operations and Management for Recycling and Reuse, P. Golińska (Ed.);
- Corporate Social Responsibility in the Manufacturing and Services Sectors, P. Golińska (Ed.);
- Technology Management for Sustainable Production and Logistics, P. Golińska, A. Kawa (Eds.).

The authors and potential volume editors are kindly welcome to contribute for new ideas for topics in EcoProduction series.