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About this Catalogue

This is a selection of our books in Logistics and Operations, comprising textbooks suitable for academic courses as well as professional titles chosen for their contribution to the field with a heavy practical focus.

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The Logistics Toolkit

Tools, Techniques and Calculations for Transport, Warehousing and Inventory Management

Gwynne Richards

The Logistics Toolkit provides logistics managers in the areas of transport, warehousing and inventory a comprehensive set of tools to tackle many of the day to day issues in order to drive efficiency and business success. In a busy, rapidly moving environment it offers quick, reliable advice tailored for managers needs combining crucial logistics tools with key business techniques including SWOT analysis, Gantt Charts, Cause and Effect Analysis and Maister’s rule. Each tool is explained and put into context and examples are given of how it can be used within logistics.

Sample Contents

Equipment selection; Slotting and item profiling; Carbon footprint measurement; Routeing and scheduling; Demand forecasting; Safety stock calculation; Grid analysis; Kraljic Matrix; Risk analysis; Blue ocean strategy; Outsourcing; Activity based costing; Life cycle costing; Belbin’s team roles; AHP; SMART; Inco terms and surcharges – where does the liability lie?

Gwynne Richards has over thirty years’ experience in logistics and supply chain. As well as running his own successful logistics consultancy he also provides a number of courses on warehouse and transport management for practitioners. He is a visiting lecturer at the University of Warwick and the University of Aston and is the author of Warehouse Management published by Kogan Page in 2011.
The Handbook of Logistics and Distribution Management

4th edition

Alan Rushton, Phil Croucher and Peter Baker

An indispensable guide for students of logistics, this edition has been radically updated to reflect the latest advances in logistics and to cover new topics being studied on academic and professional courses. It includes brand new chapters on supply chain segmentation, outsourcing services and decision making.

Sample Contents

Alan Rushton is a Director of Dialog Consultants Ltd and a Chartered Fellow of the CILT (UK).

Phil Croucher has an MSc in Logistics and Distribution Management from Cranfield University and is a Chartered Fellow of the CILT (UK).

Peter Baker is a Senior Lecturer at Cranfield University and a Chartered Fellow of the CILT (UK).

Global Logistics

New Directions in Supply Chain Management

6th Edition

Edited by Donald Waters

The world of logistics is constantly evolving and in the same way, the sixth edition of this established book has evolved to represent the current trends, best practice and latest thinking in global logistics. It serves as a forum allowing the contributors, a range of acknowledged sector specialists, to discuss key logistics issues and share their authoritative views.

New chapters cover subjects including agile supply chains, creating shareholder value, IT, internet trading and humanitarian supply chains.

Sample Contents
New directions in logistics; Best practices in logistics and supply chain management; Trends and strategies in global logistics; Incentives and the strategic management of suppliers; Delivering sustainability; Performance measurement and management in the supply chain; Optimising the road freight transport system; Retail logistics.

Donald Waters has over 30 years’ experience of teaching and working in logistics and operations management. He is a member of the CILT and is the author of several other well-known logistics books.
Sustainable Logistics and Supply Chain Management

Principles and Practices for Sustainable Operations and Management

David B. Grant, Alexander Trautrims and Chee Wong

Sustainable Logistics and Supply Chain Management is the essential guide to the principles and practices of sustainable logistics operations and the responsible management of the entire supply chain. It offers practitioners and students the required understanding of sustainability science as well as an understanding of sustainability as it affects the entire supply chain.

Examining the subject in an integrated manner and from a holistic perspective, it examines all the key areas, including: product design; procurement; cleaner production; freight transport; warehousing and storage; purchasing; supply management; reverse logistics; recycling; strategy and more.

Written by three leading experts on the subject, this is a comprehensive, academic book that provides research-led applications and case studies.

Professor David B. Grant is Director of the Logistics Institute, University of Hull. He has over 125 publications and is on the editorial boards of six journals.

Dr Alexander Trautrims is a Lecturer in Logistics and Supply Chain Management at the Logistics Institute, University of Hull. He also teaches sustainable logistics at the Universidad de los Andes (Colombia) and at the Institut Supérieur d’Études Logistique Le Havre (France).

Professor Chee Wong is Chair of Supply Chain Management at Leeds University Business School.
Green Logistics
Improving the Environmental Sustainability of Logistics
2nd Edition
Edited by Alan McKinnon, Michael Browne and Anthony Whiteing

This new edition of Green Logistics is completely updated throughout with new methodologies and case studies to illustrate the impact of green logistics in practice. Written by a leading team of logistics academics, it analyzes the environmental consequences of logistics and how to deal with them. The book also examines ways of reducing these externalities and achieving a more sustainable balance between economic, environmental and social objectives.

Key areas included are: transferring freight to greener transport modes; reducing the environmental impact of warehousing; improving fuel efficiency in freight transport.

Alan McKinnon is Professor of Logistics and Director of the Logistics Research Centre at Heriot-Watt University, Edinburgh.

Michael Browne directs freight transport and logistics research at the University of Westminster.

Anthony Whiteing is a Senior Lecturer in the Institute for Transport Studies at the University of Leeds.

The Lean Practitioner’s Handbook

Mark Eaton

The Lean Practitioner’s Handbook bridges the gap between the tools and concepts of Lean and the practical use of the tools. It offers a practical, easily accessible resource for anyone preparing for, implementing or evaluating Lean activities.

It covers key areas such as: aspects of a Lean Programme; scoping a programme; value stream mapping; 2P and 3P events; Rapid Improvement Events; managing for daily improvement; engaging the team; spotting problems and communicating progress. In addition, it offers a quick snapshot summary of the key tools and concepts of Lean plus easily applicable checklists and templates which are available online.

Mark Eaton is the MD and operations director of Amnis, a consultancy specializing in helping organizations to prepare for, implement and sustain improvement using a combination of Strategic Planning, Lean/Sigma and Change Management approaches. Mark is an Engineer by training but has spent the last 15 years involved in service improvement, business improvement and Lean in a variety of sectors.
Warehouse Management
A Complete Guide to Improving Efficiency and Minimizing Costs in the Modern Warehouse
Gwynne Richards

Warehouse Management provides a complete guide to best practice in warehouse operations. It covers everything from the latest technological advances to current environmental issues as well as cost reduction, productivity and people management. Supported by case studies, the text considers many aspects of warehouse management, including:
Receiving and putting away; Picking strategies and equipment; Replenishment to despatch; Warehouse management systems; Layout; Storage and handling equipment; Health and safety; The warehouse of the future.

With helpful tools, hints and up-to-date information, Warehouse Management provides an invaluable resource for anyone looking to reduce costs and boost productivity.

Gwynne Richards has over twenty years’ experience in warehouse management and logistics. He is a visiting lecturer at the University of Warwick and the University of Aston and provides a number of courses on warehouse management for practitioners.

Maritime Logistics
A Complete Guide to Effective Shipping and Port Management
Dong-Wook Song and Photis M Panayides

“This is a remarkable book and one that would grace any maritime or logistics library anywhere in the world.” Professor Michael Roe, Chair in Maritime & Logistics Policy, Plymouth Business School

Maritime Logistics examines the latest development, knowledge and practices taking place in logistics and supply chain within the port and shipping industry. Written by a team of international experts, who provide a global perspective on this burgeoning area of logistics, the book covers everything that students of logistics, as well as those working within the industry should know and understand including shipping lines, dry bulk and port-centric logistics.

Sample Contents
Defining maritime logistics and its value; International maritime trade and logistics; Intermodal freight transport and logistics; Tanker shipping logistics; Developing liner service networks in container shipping; Supply chain integration of shipping companies.

Dr Dong-Wook Song is Reader in Maritime Logistics at the Logistics Research Centre, Heriot-Watt University, UK.

Dr Photis M. Panayides is Associate Professor in Shipping Economics, Department of Commerce, Finance and Shipping at Cyprus University of Technology.
Humanitarian Logistics

Meeting the Challenge of Preparing for and Responding to Disasters

Edited by Martin Christopher and Peter Tatham

Humanitarian Logistics examines the key challenges facing those whose role it is to organize and distribute resources in the most difficult of situations. It examines key issues such as, warehousing, procurement and funding and features insights from some of the world’s leading experts in humanitarian logistics including Martijn Blansjaar who is Head of Logistics and Supply in OXFAM GB’s International Division.

With particular focus on pre-disaster preparation, rather than post-disaster assistance, Humanitarian Logistics provides current thinking as well as best practice for those who need to understand the many challenges and ways to respond effectively in this crucial area.

Professor Martin Christopher has worked in logistics education and research for 40 years and previously headed the department of Demand Chain Management for Cranfield University.

Dr. Peter Tatham is a leading international researcher in the field of Humanitarian Logistics. He also teaches Defence Logistics at Cranfield University.

Supply Chain Risk Management

Vulnerability and Resilience in Logistics

2nd Edition

Donald Waters

Supply Chain Risk Management is essential reading for anyone who wants to know about the growing impact of risk on supply chains, its management and how to mitigate its effects. It identifies both the possible effects that disruptions can cause and how to plan for them, discussing risks varying from traffic congestion to major environmental disasters.

This practical title offers detailed guidance on how to identify and analyse the various risks to supply chains and describes different approaches to risk management and steps needed for its implementation.

Sample Contents

Working with risk; Defining risk; Supply chain management; Trends affecting the supply chain; Approaches to risk management; Identifying risks; Analysing risks; Responding to risks; A network view of risk; Creating resilient supply chains; Business continuity management.

Donald Waters uses his specialized knowledge of operations and supply chain management working for various organizations around the world. He is the author of Global Logistics, also published by Kogan Page.
Category Management in Purchasing
A Strategic Approach to Maximize Business Profitability
2nd Edition
Jonathan O’Brien

“The definitive guide to strategic category management in modern organizations.”
Patricia A Whitehouse, Global Learning & Development Manager, Procurement Supply Chain Management, BP Plc

Category Management is a technique used to understand markets, analyse spend and make purchasing decisions which save money.

Using case studies and practical examples, Category Management in Purchasing provides a clear definition and understanding of category management. The author presents a step by step process for its implementation and use, which companies can readily apply in line with their overall business strategy. This practical toolkit will allow readers to analyse complex sourcing situations quickly and clearly and develop innovative and creative proposals for sourcing.

Jonathan O’Brien is a Director and co-owner of the international purchasing consultancy and training provider Positive Purchasing Ltd.

Negotiation for Purchasing Professionals

Jonathan O’Brien

Based upon the author’s proven Red Sheet methodology, Negotiation for Purchasing Professionals provides a step-by-step approach to delivering winning negotiations and getting game changing results.

The author shifts the emphasis away from relying mostly upon personality and tactics used during the negotiation, to a more structured and planned approach that enables anyone to negotiate effectively, even when up against a formidable opponent.

This allows the purchasing professional or team to evaluate the supplier in advance, assess the sales team, and tailor their negotiation strategy depending on cultural differences, personality traits and game theory.

Jonathan O’Brien has over 20 years’ experience working in purchasing, he has worked all over the world to help global organizations increase their purchasing capability through training, education and working directly with practitioners and executive teams to drive in the adoption of category management and other strategic purchasing methodologies.
Walmart

Key Insights and Practical Lessons from the World’s Largest Retailer

Natalie Berg and Bryan Roberts

“This is not a book for those who want to sell at the cheapest price - it is a book that teaches how to build a long-term branded business.” Phil Lempert, Supermarket Guru and editor of The Lempert Report

Rapidly expanding into emerging markets, Walmart is a tough competitor for retailers and a vital customer for manufacturers as well as a source of best practice in a number of retail disciplines such as procurement, logistics, systems and store format innovation.

Walmart offers a comprehensive insight into how the retailer emerged from its humble roots in rural Arkansas to become a global retailing phenomenon. Berg and Roberts offer an objective analysis of the company’s global impact on competitors, suppliers and consumers.

Natalie Berg has spent years working alongside major retailers and vendors as they seek to better compete with, or partner with, Walmart. Natalie is currently Global Research Director at Planet Retail.

Bryan Roberts has spent over ten years as a Walmart analyst. Bryan is Director of Retail Insights at Kantar Retail.

Logistics and Retail Management

Emerging Issues and New Challenges in the Retail Supply Chain

3rd Edition

Edited by John Fernie and Leigh Sparks

“Extremely valuable material for any student of retail logistics . . . well-written and relevant . . . a worthwhile acquisition.” International Journal of Logistics

The third edition of Logistics and Retail Management has been substantially updated to take account of recent developments in retail logistics. It brings together well-known academics and practitioners, who share their research, ideas and experience of current thinking on supply chain management in retail.

Reflecting the changing dimensions of retail supply chains and logistics, the third edition of this popular text includes new chapters on availability and environmental issues combined with substantially revised chapters on RFID and Tesco’s supply chain management.

John Fernie is Professor of Retail Marketing at Heriot-Watt University.

Leigh Sparks is Professor of Retail Studies at the University of Stirling.
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