# Table of Contents

Foreword by Zongwei Luo ...................................................................................................................................... iii
Foreword by Michael Bourlakis .................................................................................................................... v
Preface .................................................................................................................................................................. vii
Acknowledgment ................................................................................................................................................ viii

**Section 1**
The Concepts of E-Logistics and E-Supply Chain Management

**Chapter 1**
Introduction to E-Logistics and E-Supply Chain Management ................................................................. 1
_Deryn Graham, University of Greenwich, UK_

**Chapter 2**
E-Supply Chain Collaboration and Integration: Implementation Issues and Challenges ....................... 9
_Sudhanshu Joshi, Doon University, India_

**Chapter 3**
Web Applications for the Outsourcing of Logistics Services ................................................................. 27
_Dimitris Folinas, ATEI, Greece_

**Section 2**
E-Logistics and E-Supply Chain Management

**Chapter 4**
Measuring the Impact of Tools on the Leanness of E-Procurement Processes ........................................ 44
_Carina Nicole Leistner, University of Liverpool, UK_

**Chapter 5**
A Hybrid E-Auction/Negotiation Model as a Tool for 4PL to Improve the Transport Provider Selection Process ........................................................................................................... 89
_Eleni Maria Papadopoulou, ATEI of Thessaloniki, Greece_
_Athanasios Kelemis, ATEI of Thessaloniki, Greece_
Chapter 6
The Use of Cloud Computing in Shipping Logistics ......................................................... 104
Kamalendu Pal, City University London, UK
Bill Karakostas, City University London, UK

Chapter 7
A Web Application for Supply Chain Traceability ......................................................... 125
Ioannis Manikas, University of Greenwich, UK

Chapter 8
E-Enterprise: Organisational Issues of CRM, SRM, and ERP Systems Integration ............................................................. 145
Constantinos J. Stefanou, Alexander Technological Institute of Thessaloniki, Greece

Chapter 9
Monitoring and Warning Mechanisms of Supply Coordination in Assembly System under Delivery Uncertainty ................................................................. 155
Guo Li, Beijing Institute of Technology, China
Xiang Zhang, Beijing Institute of Technology, China
Zhaohua Wang, Beijing Institute of Technology, China

Chapter 10
The Strategic Contribution of ERP Systems to the Formulation of Non-Financial Key Performance Measures (KPIs) in Logistics Activities: An Exploratory Study in Northern Greece ....................... 182
Fotios Misopoulos, City College, Thessaloniki, Greece
Sophia P. Asprodini, City College, Thessaloniki, Greece

Section 3
Evolving Business

Chapter 11
The Use of RFID Technologies for E-Enabling Logistics Supply Chains ........................................ 198
Zenon Michaelides, University of Liverpool, UK
Richard Forster, University of Liverpool, UK

Chapter 12
Cloud Computing in Supply Chain Management: An Overview ........................................ 218
Agorasti Toka, Aristotle University of Thessaloniki, Greece
Eirini Aivazidou, Aristotle University of Thessaloniki, Greece
Antonios Antoniou, Aristotle University of Thessaloniki, Greece
Konstantinos Arvanitopoulos-Darginis, Aristotle University of Thessaloniki, Greece
Chapter 13
A University of Greenwich Case Study of Cloud Computing: Education as a Service .......................... 232
  Victor Chang, University of Greenwich, UK, University of Southampton, UK & School of Computing and Creative Technologies, UK
  Gary Wills, University of Southampton, UK

Chapter 14
Investigating the Effect of E-Learning Technologies on Supply Chain Activities: The Evidence of ELT Book Market ................................................................. 254
  Dimitrios Terzidis, ELT Sales Consultant, Greece
  Fotios Misopoulos, University of Sheffield, Greece

Chapter 15
ERP Implementation Service Supply Chain: A Modular Perspective ........................................... 274
  Yong Lin, University of Greenwich, UK
  Zhenkun Zhou, Huazhong University of Science and Technology, China
  Li Zhou, University of Greenwich, UK
  Shihua Ma, Huazhong University of Science and Technology, China

Compilation of References .................................................................................................................. 289

About the Contributors .................................................................................................................... 318

Index ................................................................................................................................................... 324