

Demand Forecasting and Order Planning in Supply Chains and Humanitarian Logistics

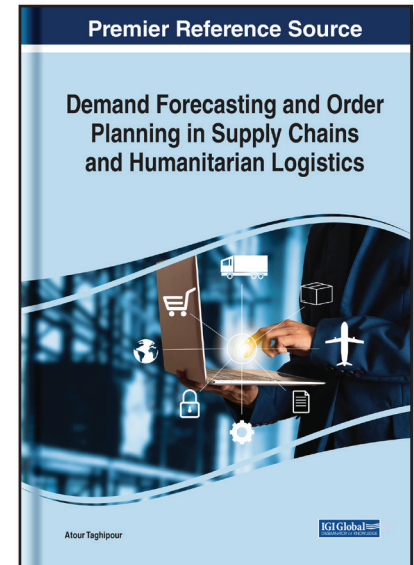
Part of the Advances in Logistics, Operations, and Management Science Book Series

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Description:

In a decentralized supply chain, most of the supply chain agents may not share information due to confidentiality policies, quality of information, or different system incompatibilities. Every actor holds its own set of information and attempts to maximize its objective (minimizing costs/minimizing inventory holdings) based on the available settings. Therefore, the agents control their own activities with the objective of improving their own competitiveness, which leads them to make decisions that maximize their local performance by ignoring the other agents or even the final consumer. These decisions are myopic because they do not consider the performance of all the partners to satisfy the consumer.

Demand Forecasting and Order Planning in Supply Chains and Humanitarian Logistics is a collection of innovative research that focuses on demand anticipation, forecasting, and order planning as well as humanitarian logistics to propose original solutions for existing problems. While highlighting topics including artificial intelligence, information sharing, and operations management, this book is ideally designed for supply chain managers, logistics personnel, business executives, management experts, operation industry professionals, academicians, researchers, and students who want to improve their understanding of supply chain coordination in order to be competitive in the new era of globalization.



ISBN: 9781799838050

Pages: 300

Copyright: 2020

Release Date: June, 2020

Hardcover: \$195.00

Softcover: \$150.00

E-Book: \$195.00

Hardcover + E-Book: \$235.00

Topics Covered:

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Artificial Intelligence
Decision Support Systems
Information Sharing
Logistics

Machine Learning
Neural Networking
Operations Management
Sales Forecasting
Supply Chain Management

Subject: Business and Management

Classification: Edited Reference

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(Research Recommended)

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