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Titolo	Toward Sustainable Operations of Supply Chain and Logistics Systems / / edited by Voratas Kachitvichyanukul, Kanchana Sethanan, Paulina Golinska- Dawson
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part 1 Supply Chain Management.- A supply chain network design considering network density -- Is Cash-to-cash cycle appropriate to measure Supply Chain Performance? -- Key performance indicator framework for measuring healthcare logistics in ASEAN -- Supply Chain Modelling under Uncertainty: A Supplier's Perspective -- A study on the changing structure of retail logistics -- Investigating the End-Customers' Acceptance of the Virtual Supply Chain: The Case of Grocery Retailers in Egypt -- Part 2 Sustainable Logistics -- The effect of institutional pressures and top managers' posture on green supply chain management -- Deployment of sustainable logistics optimization incorporated with modal shift and emission trading on carbon dioxide -- Sustainability Classification for SMEs – a guidance of sustainability assessment with the use of averaged traits quality method -- Decision making criteria for sustainable remanufacturing -- A Framework for

sustainable food supply chain: Reflections from the Indian dairy producers -- Waste Reduction in Meat Processing Industry: the application of MFCA (ISO 14051) -- A Suggestion of an Effective Reverse Logistics System for Discarded Tires in Japan -- A Study on The Optimal and The Collected Location of Industrial Wastes Treatment Facilities: A Case of The Intermediate Treatment Facilities in Chiba, Japan -- Part 3 Manufacturing and production logistics -- Performance Measurements Related to Lean Manufacturing that Affect Net Profit of SMEs in the Manufacturing Sector of Thailand -- The survey on the challenges of organization of automotive components remanufacturing in small sized companies in Poland -- Makespan minimization for scheduling unrelated parallel machine with sequence-dependent setup time -- Single machine scheduling for minimizing earliness/tardiness penalties with sequence dependent setup times -- Part 4 - Optimization problems in warehousing, distribution and transportation -- Designing of Relief Network for Disaster Response Operation -- Integrated relief supply distribution and evacuation: a stochastic approach -- Combining Simulation with Optimization to Evaluate Freight Logistics Performances for Developing a Corridor -- Time Management of Domestic Express Transportation Services -- Sugarcane Harvester Planning Based on the Vehicle Routing Problem with Time Window (VRPTW) Approach -- A Memetic Algorithm Approach for Solving the Truck and Trailer Routing Problem -- Modified DE Algorithms for Solving Multi-depot Vehicle Routing Problem with Multiple Pickup and Delivery Requests -- Part 5 Metaheuristics and artificial intelligence methods -- Flexible multistage forward/reverse logistics network under uncertain demands with hybrid genetic algorithm -- Development of Heuristics in Sugarcane Harvest Scheduling for Mechanical Harvester in Sugarcane Supply Chain -- Territory Energy Management Performance Improvement -- An Assessment of Customer Contentment for Ready to Drink Tea Flavor Notes Using Artificial Neural Networks -- Particle Swarm Optimization with Multiple Learning Terms for Storage Location Assignment Problems Considering Three-Axis Traveling Distance -- A Particle Swarm Optimization Approach for Solar Cell Industry Multi-Stage Closed Loop Supply Chain Model -- A combined grey system theory and uncertainty theory based approach for supplier selection in supply chain management -- A fuzzy multi-objective model with MFCA approach for selecting products variety in a textile supply chain -- Part 6 Mathematical Programming, Operations Research and Statistical Techniques -- Manpower Planning with Multiple Tasks for a Call Center in Healthcare Service -- Developing Control Charts for Monitoring Time Interval between Nonconforming Items in High Quality Processes -- Workforce Planning for Single Call Center with Service Level Agreement -- Image Analysis for High Dimensional Control Chart in Sausage Color Consistency Detection. .

Sommario/riassunto

This book addresses critical issues in today's logistics operations and supply chain management, with a special focus on sustainability. In dedicated chapters the authors address aspects concerning multimode logistics operations, reverse network configuration, forward and reverse supply chain integration, improvement of the production operations and management of the recovery activities, as well as carbon footprint reduction in transportation. Selected best practices from different countries and industries are presented to aid in the implementation of sustainable policies in private enterprises and at public-sector institutions. The book offers a valuable resource for both academics and practitioners who wish to deepen their expertise in the field of logistics operations and management with regard to

sustainability issues. The book examines both qualitative and quantitative aspects of sustainable supply chain and logistics operations.