

1. Record Nr.	UNINA990003326390403321
Autore	Normann, Reinhard von <1938- >
Titolo	Das treffende Fachwort für die Wirtschaft : das umfassende Wirtschaftswörterbuch : mit 30000 Stichwörter v. A - Z, 50000 sinnverwandten Ausdrücken, Gegen- u. Schlüsselbegriffen, 7000 Kurzdefinitionen, 2000 Abkürzungen / Reinhard von Normann
Pubbl/distr/stampa	Thun : Otto Verlag, 1989
ISBN	3-7225-6127-2
Disciplina	330.3
Locazione	DECLI
Collocazione	330.3 NOR
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910734822403321
Titolo	Advances in Resilient and Sustainable Transport : Proceedings of the 6th Interdisciplinary Conference on Production, Logistics and Traffic 2023 / / edited by Uwe Clausen, Marius Dellbrügge
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031282362 3031282361
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (376 pages)
Collana	Lecture Notes in Logistics, , 2194-8925
Disciplina	260 388
Soggetti	Industrial management Business logistics Transportation engineering Traffic engineering Industrial Management Logistics Transportation Technology and Traffic Engineering Supply Chain Management

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>Intro -- Preface -- Acknowledgements -- Organization -- Conference Chairs, Editors and Keynote Speaker -- Contents -- Supply Chains, Costs and Investments in Times of Multiple Crises -- 1 Continuing Investment Gap Becomes a Brake on Prosperity -- 2 Drivers and Barriers of Investment in Germany -- 3 Influence of the Ukraine War on Investments -- 4 Options for Economic Policy -- References -- I Freight and Public Transport, Demand Modelling, Human Factors and Challenges - with Contributions Presented by the German Road and Transportation Research Association (FGSV) -- Design of a Forecasting Method for Occupancy Rates in Local Public Transport Based on Data from Automatic Passenger Counting Systems -- 1 Introduction -- 1.1 Project Context and Data Collection -- 2 State of Research -- 3 Model Development -- 3.1 Introduction of the Model -- 3.2 Algorithm -- 4 Results -- 4.1 Results of the Long-Term Forecast Model -- 4.2 Results of the Short-Term Forecast Model -- 5 Discussion -- References -- Effects of Cognitive Biases and Their Fuzzy Measure During Freight Transportation -- 1 Introduction -- 2 Cognitive Biases -- 3 Last Mile Delivery -- 4 Cognitive Biases in the Route Choice of Freight Transport -- 5 Fuzzy Measure of Route Expectations (Time and Distance) -- 5.1 User Expectations for the Route -- 5.2 Case Studies for the Distance -- 5.3 Case Studies for the Time -- 6 Simulation -- 7 Conclusion -- References -- Exploring Knowledge Gaps Amongst Key Actors in the Transition Towards an Electrified Freight Transport System in Sweden -- 1 Introduction -- 2 Transition to an Electrified Transport System and the Importance of Knowledge and Key Actor Structure -- 3 Method -- 3.1 Research Design -- 3.2 Scope and Delimitations -- 3.3 Data Collection and Data Analysis -- 4 Results -- 4.1 Transport Companies -- 4.2 Shippers -- 4.3 Vehicle Manufacturers.</p> <p>4.4 Energy Sector -- 4.5 Upcoming and Emergent Actors -- 4.6 Property Owners -- 4.7 Public Authorities -- 5 Discussion -- 6 Conclusions -- References -- First Mile Challenges for Agricultural Logistics -- 1 Introduction -- 2 Methodology -- 3 Results -- 3.1 First Mile Challenges for Agricultural Logistics -- 3.2 Evidence Scores of First Mile Challenges of Agricultural Logistics -- 4 Discussion -- 5 Conclusions -- References -- Microscopic Agent-Based Parcel Demand Model for the Simulation of CEP-Based Urban Freight Movements to and from Companies -- 1 Introduction -- 2 Literature Review -- 3 Data -- 3.1 Literature-Based Data Sources -- 3.2 Expert Interviews -- 3.3 OpenStreetMap Data -- 4 Modeling Approach -- 4.1 Concept -- 4.2 Agent-Based Travel and Freight Demand Modeling Framework -- 4.3 Integrating Companies as Recipients and Shippers into LogiTopp -- 5 Results and Discussion -- 6 Conclusion -- References -- Cargo Bikes and Freight Transport -- Cargo Bikes in Transport Logistics Review of User Requirements and Related Bike Models -- 1 Introduction and Motivation -- 2 Methodical Procedure -- 3 Development of the Tool -- 3.1 Development of the Survey Instrument -- 3.2 Transfer of Collected Data into the Weighted Sum Model -- 4 Validation of the Tool -- 5 Conclusion and Outlook -- References -- Delivery and Shipping Behaviour of Commercial Freight Demand of Logistics Service Providers - An Empirical Study for Berlin -- 1 Introduction -- 2</p>

Research Design of the Empirical Study -- 2.1 Investigation Group: Total Population and Sample Size -- 2.2 Questionnaire Design for the Primary Data Collection -- 2.3 Description of the Sample -- 3 Results and Statistical Analysis -- 3.1 Number of Deliveries and Shipments Per week Differentiated by Economic Sectors -- 3.2 Selected Time Windows for Delivery and Shipment. 3.3 Type of Logistics Service Providers for Delivery and Shipment -- 3.4 Specification of the Last Consignment -- 3.5 Changes During the Corona Pandemic -- 4 Discussion -- 5 Conclusion and Outlook -- Appendix -- References -- Maritime and Rail Transport - with Contributions Presented by the World Conference on Transport Research Society (WCTRS) - SIG B3: Freight Transport Operations and Intermodality -- Dynamic Container Routing Problem on a Rail-Based Hub-and-Spoke Network -- 1 Introduction -- 2 Literature Review -- 3 Problem Description -- 4 TM-MCFP Model -- 4.1 Time-Space Graph -- 4.2 Mathematical Model -- 5 Case Design -- 5.1 Rail Network Instance -- 5.2 Computational Setup -- 6 Results -- 6.1 Request Fulfillment -- 6.2 Service Utilization -- 7 Conclusion -- References -- Reinforcement Learning at Container Terminals: A Literature Classification -- 1 Introduction and Background -- 2 Literature-Review Methodology -- 3 Classification -- 4 Discussion -- 5 Conclusions -- 6 Appendix -- References -- Electric, Hydrogen Vehicles and Chemical Logistics -- Simulation-Based Impact Assessment of Electric and Hydrogen Vehicles in Urban Parcel Delivery Operations -- 1 Introduction -- 2 Literature Review -- 2.1 Overview of the Motor Technology of Electric and Hydrogen Vehicles -- 2.2 Factors that Influence the Deployment of EVs and HVs in Urban Logistics -- 2.3 State of EV and HV Adoption in Urban Logistics -- 3 Methodology -- 3.1 Modelling Framework -- 3.2 Data Basis for the Model -- 3.3 Description of the System Being Modelled: Initialising the Synthetic Simulation World for Berlin -- 4 Scenario Definition -- 4.1 Baseline Scenario -- 4.2 Scenario 1: Parcel Delivery by Means of Electric Vehicles -- 4.3 Scenario 2: Parcel Delivery by Means of Hydrogen Vehicles -- 4.4 Emission Conversion Factors -- 5 Results -- 6 Conclusion -- References. Groundbreaking Challenges of Deploying Battery-Electric Terminal Trucks in Container Terminals -- 1 Introduction -- 2 Methodology -- 2.1 Decision Model -- 2.2 Literature Analysis -- 2.3 Cost Calculation -- 3 Electrification in Container Terminals -- 3.1 Potential Emission Savings Through Electrification -- 3.2 Battery Technologies for Battery-Electric Terminal Trucks -- 3.3 Charging Infrastructure -- 3.4 Charging Strategies -- 3.5 Cost of Electrification -- 4 Decision Model for Choosing Charging Strategies -- 5 Conclusion -- References -- Requirements Catalog for Intralogistics Processes in the Production of Specialty Chemicals -- 1 Introduction and Motivation -- 1.1 Aim of the Research Paper -- 1.2 Research Design -- 2 Relevance Cycle -- 3 Rigor Cycle -- 4 Design Cycle -- 4.1 Concept of Requirements -- 4.2 Structure of the Requirements Catalog -- 4.3 Catalog of Requirements for the Supply of Production -- 4.4 Validation of the Catalog of Requirements -- 5 Conclusion and Outlook -- References -- Simulation and Optimization in Production and Logistics -- Exploratory Analysis of Transportation System for Modular Vehicle Concept Operated as Passenger and Goods Transport Using Continuum Approximation Techniques -- 1 Introduction and Problem Definition -- 1.1 State of the Art -- 2 Methodology -- 2.1 Introduction -- 2.2 General Transport - System Relationships -- 2.3 Cost Function -- 3 Evaluation -- 4 Use Case: U-Shift in Urban Distribution -- 4.1 Case Study: Urban Modular Vehicle Fleet -- 5 Conclusion -- References --

Approximation Algorithms for p-Hub Center Problems -- 1  
Introduction -- 2 Mathematical Model -- 3 Bounding the First and  
Second Objective -- 4 Improvement of the Multi-allocation Variant -- 5  
Uncountable Number of Potential Hubs -- 6 Summary -- References --  
Partitioned vs. Integrated Planning of Hinterland Networks for LCL  
Transportation.  
1 Introduction -- 2 The Hub Location Problem of a Logistics Provider --  
3 Mathematical Model -- 4 The Logistics Provider's Own Solution -- 5  
Combined Hub and Routing -- 5.1 Hinterland Transport -- 5.2 Sea  
Transport -- 5.3 Summary of the Model -- 6 Results -- References --  
Cooling Technologies in Cooled Supply Chains. About the Suitability  
and Sustainability of Dry Ice as a Cooling Medium. An Exhaustive  
Review -- 1 Introduction -- 2 Methodology -- 3 Literature Review --  
3.1 Cold Supply Chain Emissions (CO<sub>2</sub> and GHG) -- 3.2 Phase Change  
Materials (PCMs) -- 3.3 Dry Ice and Last Mile -- 4 Findings  
and Discussion -- 5 Conclusions and Suggestions -- References --  
Production, SCM and Sustainability -- Resilience of Urban Factories  
and Their Supply Chains - Identification of Indicators  
and Recommendations for Increasing Resilience -- 1 Introduction --  
1.1 Methodology -- 2 Urban Factories and Their Characteristics -- 3  
Resilience and Resilience Indicators -- 4 Resilience of Urban Factories  
and Their Supply Chains - Analysis -- 4.1 Results and Discussion --  
4.2 Fields of Action -- 5 Conclusion and Further Research -- 5.1  
Further Research Opportunities -- References -- The Planning  
of Hyperloop-Based CargoTubes Routes for Sustainable Logistic  
Solutions -- 1 Introduction -- 2 Planning Methodology -- 3 Example  
and Results -- 3.1 Demand Planning -- 3.2 Preliminary Planning -- 3.3  
Design Planning -- 4 Support of the Planning with Simulation -- 4.1  
Calculation of Basic Data -- 4.2 Discrete Event Simulation -- 4.3  
Lifecycle Performance Assessment -- 5 Discussion and Conclusions --  
References -- Occupational Health and Safety Practices and Supplier  
Selection in the South African Mining and Construction Industry -- 1  
Introduction and Background -- 2 Literature Review -- 2.1 The Mining  
and Construction Industry in South Africa.  
2.2 Occupational Health and Safety in South Africa.

## Sommario/riassunto

This book reports on recent research and developments at the interface between the areas of production, logistics and traffic. Gathering the proceedings of the 6th ICPLT, held on March 22-23, 2023, at TU Dortmund University, in Germany, this volume gives a special emphasis to theories, trends and technologies for planning and operating freight transport systems in a sustainable and resilient way. The twenty-two contributions included in this book cover algorithms, models, and experimental methods to address challenges and knowledge gaps relating to traffic flows and logistic processes. They also report on advanced technologies, human factors research and strategies that should help better understand the interdependencies and conflicts of interest in the field of production, logistics and traffic, and to develop feasible solutions. All in all, this book provides a timely snapshot of research and developments concerning freight and public transport, cargo bikes, maritime and rail transport, electrical and hydrogen vehicles, simulation and optimization in production and logistics, production and supply chain management, sustainable logistics, and intralogistics and automation. It offers extensive information to researchers, engineers and other professionals, and public authorities that are active in all the above- mentioned fields. .