

# LMSCM2021 19th International Logistics and Supply Chain Congress, Gaziantep University

## Scientific Program (Virtual Conference)

Day#1	Session	Time (TRT)	General Room					
21 October 2021 / Thursday	Session 1	09:30-10:20	<a href="#">Zoom ID: 939 8684 7653</a>					
			<b>Opening Ceremony</b> Arif ÖZAYDIN (GAUN-Rector) Türkey DERELİ (HKU-Rector) Mehmet TANYAŞ (LODER-President) Eren ÖZCEYLAN (Congress Chair)					
			10:20-10:30	<b>Short Break</b>				
	Session 2	10:35-11:05	<b>Keynote Speaker:</b> Burcu Balçık "The Impact of Stock Sharing and Postponement Strategies on Prepositioned Relief Stocks"					
		11:10-11:25	<b>Keynote Speaker:</b> Maciej Szymczak "Supply Chain Resilience: Bottlenecks & Core Capacities"					
		11:30-12:00	<b>Keynote Speaker:</b> Gülçin Büyüközkan "Lojistik ve TZY'de Yapay Zeka Uygulamaları"					
			12:00-13:00	<b>Long Break</b>				
	Session 3			<b>Room1</b> <a href="#">Zoom ID: 967 0225 9075</a>	<b>Room2</b> <a href="#">Zoom ID: 970 1681 4014</a>	<b>Room3</b> <a href="#">Zoom ID: 991 7198 6753</a>	<b>Room4</b> <a href="#">Zoom ID: 974 5265 7301</a>	<b>Room5</b> <a href="#">Zoom ID: 941 6242 1508</a>
				The Impact of COVID-19 on Logistics and SCM Session Chair: Savaş Selahattin ATEŞ	Vehicle Routing Session Chair: Mehmet SOYSAL	MCDM in Logistics and SCM Session Chair: Ayhan DEMİRCİ	Humanitarian Logistics Session Chair: Onur KAYA	Green Issues in Logistics and SCM Session Chair: Aşkın GÜNGÖR
			13:00-13:20	Security Control Process Modeling During the COVID-19 Pandemic: Example of Esenboğa Airport Emre KARŞIGİL-Savaş Selahattin ATEŞ	A Simulated Annealing Algorithm for the Traveling Salesman Problem with Drone under Recharging Policy Emine EŞ YÜREK	Humanitarian Aid Warehouse Location Selection by using Multi-Criteria Decision-Making Techniques Ayhan DEMİRCİ-Gökçe MANAVGAT	Capability-Based Location and Resource Planning for Post-Disaster Emergency Medical Services Mehmet Kursat OKSUZ-Sule İtr SATOĞLU-Nezih ALTAY	Estimation of Electronic Waste (E-Waste) for Designing Reverse and Closed Supply Chain Zeynep ÖZSUT BOĞAR-Aşkın GÜNGÖR
			13:25-13:45	Assessment of Factors Affecting Supplier Selection during Coronavirus Pandemic for a Cosmetic and Cleaning Products Manufacturer Pinar KOCABEY ÇİFTÇİ	New Meta-heuristic Approach for Solving the VRPTW in Supply Chain Management Nesrine BIDANI- Hela MOALLA FRIKHA-Adnan YASSINE	Evaluation of Indicators Affecting the Performance of Bonded Warehouses by the Analytical Hierarchy Process Aynur ACER	Locating Mobile and Permanent Logistics Depots in Earthquake Prone Regions Zafer YILMAZ-Jan Ridade GERGIN	Simulation Based Reverse Supply Chain Network Design for WEEE Leyla Özgür-POLAT-Aşkın GÜNGÖR
			13:50-14:10	Use of Check-in Self Service Technologies before and during the COVID-19 Pandemic: Example of Esenboğa Airport Niyazi Cem GÜRSOY-Savaş Selahattin ATEŞ	A Dynamic Vehicle Allocation Problem with Rolling Horizon Framework Damla BENLİ-Mehmet SOYSAL-Merve İBİŞ	Sustainable Agri-Food Supply Chain Design with a QFD-ANP Hybrid Model Emre YAVUZ-Mehmet TANYAŞ	New Methods for Connectivity of Critical Nodes for Post Disaster Management İlknur TÜKENMEZ-Tuğba SARAÇ- Onur KAYA	Carbon Reduction Scenarios in Highway and its Relationship with Public Health Durcan Özgür SARIOĞLU-Didem EVCI KIRAZ
			14:15-14:35	The Impact of the Measures Taken Under COVID-19 on Aircraft Delays Ayberk TUTKUN-Savaş Selahattin ATEŞ	Approach of a B2B Distribution Network Optimization as Vehicle Routing Problem Solving As a VRP Limit Time in Last Customer David Camacho Fonseca	Locating Cell on Wheels in Emergency Using Fuzzy COCOSO and Weighted Minimax Methods Esra ÇAKIR- Mehmet Ali TAŞ-Ziya ULUKAN	Strategy Evaluation for Emergency Logistics Management of Disasters Merve GÜLER-Esin MUKUL-Gülçin BÜYÜKÖZKAN	A Circular Economy Based Approach for Supplier Selection in Agri-Food Supply Chains Gülçin BÜYÜKÖZKAN - Deniz UZTÜRK
				14:35-14:50	<b>Short Break</b>			
	Session 4			<b>Room1</b> Green Issues in Logistics and SCM Session Chair: Abdullah Oktay DÜNDAR	<b>Room2</b> Humanitarian Logistics Session Chair: Ümit ÇELEBİ	<b>Room3</b> Innovative and Smart Technologies in Logistics Session Chair: Gökhan AKANDERE	<b>Room4</b> Vehicle Routing Session Chair: Çağrı KOÇ	<b>Room5</b> The Impact of COVID-19 on Logistics and SCM Session Chair: Z. Vildan SERİN
			14:50-15:10	Factors Affecting Green Logistics Policies and Their Effects on Logistics Performance Index: Comparison of the European Union and Turkey Abdurrahim Furkan MERCİMEK-Abdullah Oktay DÜNDAR	A Literature Review on Supply Chain Studies about Earthquakes Ahmet AKTAŞ-Mehmet KABAK	The Impact of Logistics Innovativeness on Perceived Organizational Performance: Application in the Logistics Industry Karahan KARA	An Application of Mobile Healthcare Service Routing and Scheduling Problem in Ankara İlhami AKKUŞ-Ece Arzu YILDIZ-İsmail KARAOĞLAN-Fulya ALTIPARMAK	COVID-19 Vaccine Logistics: Analysis According to Countries Level of Development Z. Vildan SERİN - Oya ÖZTÜRK
			15:15-15:35	Green Logistics Practices in Aviation Industry: A Research on Antalya Airport Ayşegül TOY-Abdullah Oktay DÜNDAR	The Effect of Trade Costs upon Human Development: Mediating Role of Logistics Performance in Confronting Humanitarian Crisis Ümit ÇELEBİ	Parcel Lockers as the Last Mile Delivery Innovation: A Systematic Literature Review Halil KARLI-Mehmet TANYAŞ	Lean Transportation Management through an Application of Vehicle Routing Planning: A Case Study Nattapong KONGPRASERT-Chichakorn DURİYARAPÉE-Watcharain LARPRAKOOL	Sustaining a Resilience of Competitive Advantage during COVID-19 in Maritime Supply Chains: From Perspective of Resource-Based Theory Kazım YENİ-Sedat BAŞTUĞ
			15:40-16:00	Analysis of Green Supply Chains in Accordance with Environmental Sustainability Criteria Mehmet Ali TAŞ-Serap AKCAN	The Concept of Agility in Humanitarian Logistics Gülşah ŞİŞMAN-Fatma DEMİRCİ OREL	The Effect of Digitalization Level and Smart Logistics Practices on Logistics Performance Gökhan AKANDERE	Home Health Care and Dialysis Routing With Electric Vehicles and Public Charging Stations Çağrı KOÇ - Mehmet ERDEM	Impact of COVID-19 Pandemic on Air Transportation Industry Sercan DEMİR-Ersin AKTAŞ-Turan PAKSOY
			16:05-16:25	The Effects of EU Green Agreement to the Turkish Logistics Sector Emre İPEKÇİ-Mehmet TANYAŞ	Humanitarian Relief Chain Coordination Considering Volunteers and Officials Emine Nisa KAPUKAYA-Sule İtr SATOĞLU	Location and Routing Assessment on Parcel Lockers, Methods and Key Aspects: A Literature Review Kutay AKDOĞAN-Eren ÖZCEYLAN	A Dynamic Programming Approach for Multi-Period Vehicle Allocation Problems Damla BENLİ-Mustafa ÇİMEN-Merve İBİŞ	Search for Optimum Urban Parcel Delivery Systems in COVID-19 Pandemic Crisis Mucahit SISLIOĞLU

Day#2	Session	Time	Room1	Room2	Room3	Room4	Room5	
22 October 2021 / Friday	Session 5		Mathematical Modelling Session Chair: Serap ULUSAM SEÇKİNER	Smart Applications Session Chair: Emel YONTAR	Operations Management Session Chair: Mustafa ÇİMEN	Sustainability Session Chair: Olcay POLAT	Forecasting and Performance Analysis Session Chair: Gülçin CANBULUT	
		09:00-09:20	Determination of Railway Network by Hierarchical Maximal Covering Problem in Turkey Metehan ATAY-Serap ULUSAM SEÇKİNER-Eren ÖZCEYLAN	Blockchain's Potential for Waste Management in Textile Sector Elif DURSUN-Yasemin ÜLKER-Yavuz GÜNALAY	A Scoping Review of the Lot Sizing Problem with Multiple Items, Multiple Periods and Multiple Suppliers Mathews ALLGAIER-Luiz Felipe SCAVARDA-André Regina Nunes de CARVALHO- Fernanda Ruffo TERCEIRO	Determination of Sustainable Urban Logistics Performance Index (SULPI) Rabia Süde ÖZTÜRK-Olcay POLAT-Aşkın GÜNGÖR	Demand Forecasting in Retail: A Machine Learning Based Approach for Accurate Short-Term Forecasts Mehmet Mustafa ÖZALP-Özgür AKARŞU	
		09:25-09:45	A Comparative Study for the Maximum Flow Problem arising at Road Networks in Kota Kinabalu Şeyme SAFADI-Alptekin DURMUŞOĞLU-Eren ÖZCEYLAN	Blockchain Applications for Traceability and Food Safety in Agri-Food Supply Chains Mehmet TANYAŞ-Sebnem İNDAP	Cost-Effective Optimization Model for Import Operations via Maritime Transportation Emre ÇAKMAK-Onur AYDIN-Pinar GÜROL	Smart Solutions for Sustainable Urban Logistics: A QFD Approach Öykü İLİCAK-Gülçin BÜYÜKÖZKAN-Orhan FEYZİOĞLU	An Application to Forecasting of a Hospital's Energy Consumption and Reducing Imbalances Costs Aylin OZAN-Seren ÖZMEHMET TAŞAN	
		09:50-10:10	Geographic Information Systems-Based Mathematical Modeling Approach for Biomass Supply Chain Network Design Ahmet Alp ŞENOCAK - Hacer Guner GÖREN	Analysis of Blockchain Applications in Sustainable Logistics Management Emel YONTAR	An Optimization Approach to Position Demand Driven MRP (DDMRP) Buffers in a Make-To-Order Environment in Bill-Of-Materials by Considering Variants Ahmet BALCIOĞLU-Mehmet TANYAŞ	Artificial Intelligence and Sustainable Supply Chain Finance in Omni-Channel Logistics Monika BAL-Kinga PAWLICKA	Analysis of Fuzzy Supply Chain Performance Based on Quantity Flexibility Contract Gülçin CANBULUT	
		10:15-10:35	A Mixed Integer Programming Model for Supply Chain Network Design in a Net Present Value Perspective Rahmi BAKI	Digitalization Barriers of Logistic Operation: A Systematic Review and Framework Development Kevsir YILMAZ-Aşkın ÖZDAĞOĞLU	A Restricted Dynamic Programming Approach for Solving Stochastic Lot-Sizing Problems Mustafa ÇİMEN	Exploring the Sustainable Supply Chain Integration: A Case Study of Dogus Group Yasemin ÜLKER-Banu DEMİREL	The Journey of Antep Pistachio Supply Chain Mehmet Rifat ULU - Eren ÖZCEYLAN	
	10:35-10:50	Short Break						
	Session 6			Room1 MCDM in Logistics and SCM Session Chair: Yunus KAYMAZ	Room2 Innovations in Logistics and SCM Session Chair: Göknur Arzu AKYÜZ	Room3 The Impact of COVID-19 on Logistics and SCM Session Chair: Batuhan KOCAOĞLU	Room4 Operations Management Session Chair: Özgür YALÇINKAYA	Room5 Logistics and SC Optimization Session Chair: Beste DESTECİOĞLU
		10:50-11:10		SWARA – WASPAS Hybrid Approach for the Evaluation of Courier Companies in Turkey Billur ECER	Big Data: The Future of the Logistics Industry in Turkey Faruk TAŞKIRAN	The Impact of COVID-19 on E-Commerce: A Study of Supply Chain Network and Cargo Transportation Muhammet Mustafa AKKAN-Tufan YAYLA	A Genetic Algorithm Integrated Simulation Optimization Approach for Scheduling of a Real Bus Shuttle System Doğan Can GÖKMEN-Özgür YALÇINKAYA	A Time-Variant Capacitated Facility Location and Network Design Problem for Wastewater Treatment Systems Seyda Alperen PEHLIVAN-Duygun Fatih DEMİREL-Sidika Melek BAŞAK
		11:15-11:35		Multi-Criteria Decision Making Approaches for Warehouse Layout and Design: A Literature Survey Şakire Nesli DEMİRCİOĞLU-Eren ÖZCEYLAN	A New Era in Marketing: Facial Recognition Payment in Retail Industry Sercan DEMİR-Ersin AKTAŞ-Turan PAKSOY	A Linear Programming Approach Example on Converting Passenger Aircraft into a Freighter (P2F) During COVID-19 Pandemic Ayşe Seçil BAŞER-Batuhan KOCAOĞLU	A Literature Review on Train Scheduling Problem: From 2010 to 2020 Mustafa AKDEMİR-Özgür YALÇINKAYA	Latest Optimization Approaches for Biogas Supply Chain Management: A Literature Survey Serpil EROL-Gürkan Güven GÜNER
		11:40-12:00		The Selection of Dry Port Locations Using PROMETHEE Yunus KAYMAZ-Ural Gökyay ÇİÇEKLI	Smart Ecosystems in Supply Chain Management Goknur Arzu AKYÜZ-Dursun BALKAN	Analyzing the OHS Risks Emerged in Transportation of Medical Materials in the COVID-19 Pandemic Aylin ADEM-Burcu YILMAZ KAYA-Metin DAĞDEVİREN	Improvement of the Production Efficiency with Lean Manufacturing Techniques Eray TÜRKMEN-EİF TUYAN-Orhun GÖKDEMİR-Majed ALKHATIB-Kübra Nur ŞAHİN-İsmet SÖYLEMEZ	Determining Suitable Routes for Vaccine Distribution to Hospitals: Application of Ankara Province Beste DESTECİOĞLU-Kemal Gürol KURTAY-Aygün ALTUNDAŞ-Hakan Ayhan DAĞISTANLI
		12:05-12:25		Analyzing the Potential Locations of a Dry Port in Gaziantep Region Ayca ÖZCEYLAN-Mehmet TANYAŞ	Robotic Process Automation in Supply Chain Management Gökhan KIRBAÇ	Humanitarian Supply Chains and COVID-19: Systems Failures and Recovery Claire TRAVERS	The Role and Importance of Outsourcing in Logistics Enterprises Şuayip ÖZDEMİR-Tuğrul BAYAT-Betül KOCATÜRK	Supply Chain Risk Management: A Literature Review on Definition, Theory, and the Role of Simulation and Existing Optimization Methods Gizem TOPÇU-Oğuzhan ÇAĞIL-Yasutay SUSOY-Banu ÇALIŞ USLU
	12:25-12:40	Short Break						
	Session 7		General Room					
		12:40-13:10	Keynote Speaker: Tolga Bektaş "Last-Mile Logistics in London"					
	13:15-13:45	Keynote Speaker: Kannan Govindan "Sustainable and Resilient Reverse Logistics Network Design"						
	13:50-14:00	Short Break						
	Session 8			Room1 Supplier Selection Session Chair: Özgür ÖZPEYNİRCİ	Room2 The Impact of COVID-19 on Logistics and SCM Session Chair: Nürcan DENİZ	Room3 MCDM in Logistics and SCM Session Chair: İskender PEKER	Room4 Logistics and SC Policies Session Chair: Ash ÖZPOLAT	Room5 Aviation Logistics Session Chair: Turan PAKSOY
		14:00-14:20		An Analysis of Decision Makers' Preferences through Supplier Selection Problem Sinem TAŞBAŞI - Özgür ÖZPEYNİRCİ	Supply Planning Based on the Analysis of COVID-19 Data Elif AKBULUT-Volkan USLAN	Criteria Prioritization for Allocation of Electric Vehicle Charging Stations by Group Decision Making Based Intuitionistic Fuzzy AHP Approach Mehmet Hanifi AYDIN-Mücahid GÜNAY	The Nexus between the Logistics Sector and Climate Change: An Empirical Study for Newly Industrialized Countries Aslı ÖZPOLAT	Improving Services with Augmented Reality in Airports: Facilitating Airport Navigation and Improving Customer Service Sercan DEMİR-Ersin AKTAŞ-Turan PAKSOY
		14:25-14:45		Evaluation of Supplier Selection Criteria in the Marble Sector through the DEMATEL Method Tuğrul BAYAT - Önder İNCE-Betül KOCATÜRK	How Lean Thinking Help to Solve COVID-19 Related Problems? - A Lean Patient Experience Map Nürcan DENİZ	Multi-Criteria Assessment Framework for Freight Villages Based on Operational Efficiency Criteria Burcu YILMAZ KAYA-Aylin ADEM-Metin DAĞDEVİREN	Europe's New Trade Door Opening to Asia: Nakhchivan Corridor Tufan YAYLA- Sinan ÇİZMECİOĞLU	Suborbital Space Tourism Enes DEMİRALAY-Engin Hasan ÇOPUR-Turan PAKSOY
		14:50-15:10		An Integrated Supplier Selection Model Considering Risk Criteria in the Tire Industry Elif Sena KUTLU-Merve ER	Use of Autonomous Technologies in Airport Check-in Process in Pre- and Post-COVID-19: Ankara Esenboga Airport Example Erkam Emin AYVAZ-Savaş Selahattin ATEŞ	Prioritizing the Barriers of Sustainable Supply Chain Management by Best-Worst Method Mehmet Zahir HANZADE-İskender PEKER-A.Cansu GÖK KISA	Importance of Bicycle Transport within EU Climate Change Policies and Inferences for Turkey Fatma Zehra ZENGİN-Senay OĞUZTİMUR	Making the Shift to a New Paradigm of Logistics Management: Space Logistics Enes DEMİRALAY-Engin Hasan ÇOPUR-Turan PAKSOY
		15:15-15:35		The Impact of Supply Chain Disclosure on Supplier Sustainability: A Qualitative Analysis in the Textile Industry Melek AKIN ATEŞ	Analysis of Threat in Global Supply Chains Creating Logistics Barriers during a Global Pandemic Zbigniew BENTYN-Sylwia KONECKA	Prioritizing Factors Affecting Green Supply Chain Management and Used Technologies with Picture Fuzzy AHP Ezgi DEMİR	Defence Industry Artificial Intelligence Applications on Warrior's Logistics Sustainment Tolga ÖZ	
15:40-16:00		Changes in Supply Chains during the COVID-19 Pandemic Ahmet ÇETİNDİAŞ	Assessment of Risk Factors in the Pharmaceutical Supply Chain for Pandemic Process Songül AKSOY-Atiye TÜMENBATUR	A Qualitative Analysis of Dangerous Goods Safety Advisor Companies in Terms of Dangerous Goods Logistics Yunus KAYMAZ				
Session 9	16:00-16:30	Closing Ceremony						