

2nd International Symposium on Sustainable LOGISTICS "CIRCULAR ECONOMY" Symposium Program



2022 JUNE 23,24
MERSİN - TURKEY



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2nd International Symposium on Sustainable Logistics "Circular Economy"

June 23, 2022
Torus University

OPENING SPEECHES

09:00-09:30	Assoc. Prof. Ayhan DEMIRCI (Head of Department of International Trade and Logistics)
	Prof. Dr. Gülçin BÜYÜKÖZKAN (President of Turkish Logistics Association-LODER) & Prof. Dr. Mehmet TANYAŞ (Vice President of Turkish Logistics Association-LODER)
	Prof. Dr. Ömer ARIÖZ (Rector of Toros University)

KEYNOTE SPEAKERS

09:45-10:10	Prof. Dr. Michael SCHNEIDER
	RWTH Aachen University-Germany Title: Freight Transportation Using Electric Vehicles
10:10-10:35	Assoc. Prof. Dr. M. Arnaud DIEMER
	Université Clermont Auvergne / Jean Monnet Centre of Excellence on Sustainability Title: How Circular Dynamics redesign our economic system ? Drivers and Challenges.
10:35-11:00	Prof. Dr. Hakan KESKİN
	İstanbul Aydın University Title: The Role of Logistics for the Sustainable Development of Global Economy

11:00-11:30

BREAK

	CHAIR OF SESSION	AUTHOR(S)	Presentation Language: ENGLISH
SESSION I-1	Prof. Dr. Dilay ÇELEBİ GONİDİS	MANUEL E. MORALES, LINA DAGILIENE	KEY-DRIVERS SHAPING CIRCULAR ECONOMY TRANSITIONS: SYSTEM DYNAMICS METHOD IN THE MANUFACTURING VALUE CHAINS
		ATA ÖZKAYA	PREDICTING EXPECTED PEAK VALUE OF CONFIRMED CASES AND MANAGING LOCKDOWN STRATEGIES IN MAJOR TRADE HUBS AMID PANDEMICS
		SHAN XU, YUTAKA WATANABE	3D PATH PLANNING OF UAVS IN COMPLEX URBAN TERRAINS: A CASE OF EMERGENCY MEDICINE DELIVERY IN SHANGHAI
		DİDEM DEMİR	EFFECTS OF THE WAR BETWEEN RUSSIA AND UKRAINE ON GLOBAL TRADE AND SUPPLY CHAIN
		MU-CHEN CHEN, YING-JU CHIU	OPTIMIZATION OF MODE SELECTION AND ROUTING IN SUSTAINABLE INTERMODAL FREIGHT TRANSPORTATION
SESSION I-2	Assoc. Prof. Dr. M. Arnaud DIEMER	YILMAZ KAPLAN	THE CIRCULAR ECONOMY AND SUSTAINABILITY: A PARADIGM SHIFT?
		GÖKÇE MANAVGAT	DOES CIRCULAR ENERGY SOURCES IMPROVE BOTH ECONOMIC GROWTH AND HEALTH LEVEL? EVIDENCE FROM EU
		SALİH ÖZDEMİR, NADİDE AKTAŞ, TUNCA ÇELİK, NESLIHAN DEMİREL	INVESTIGATING THE CAUSAL LINKAGES AMONG ECONOMIC GROWTH, TRANSPORTATION, AND CO2 EMISSION IN TURKEY
		ÖZGÜR SOY, LEYLA TAVACIOĞLU	SATISFACTION OF CITIZENS IN ISTANBUL WITH URBAN PUBLIC TRANSPORT
		KHALED DANDIS, ALEV TAŞKIN	INTEGRATING MACHINE LEARNING TO TIME DEPENDENT CASH IN TRANSIT VEHICLE ROUTING PROBLEM WITH TIME WINDOWS
SESSION I-3	Dr. Rossana CAVAGNINI	ASLIHAN YAVUZALP MARANGOZ	MARKETING APPROACHES THAT AFFECT CONSUMER BEHAVIOR IN THE CONTEXT OF THE CIRCULAR ECONOMY
		THUTA KYAW WIN, DAISUKE WATANABE, SHIGEKI TORIUMI	GREENHOUSE GAS EMISSION AND THEIR TREND PREDICTION USING AIS AND TRADE DATA
		EZGİ ZEHRA KADIZ, BURAK DURMAZ, EZGİ ÖZDEMİR, ALEV TAŞKIN	HETEROGENEOUS FLEET MULTI PRODUCT NETWORK DESIGN: AN APPLICATION IN GLASS INDUSTRY
		MUTLU CAN SOYDAN	FLIGHT TO THE "TP-METaverse": A PERSPECTIVE OF VIRTUAL AIRPLANE CABINS
		ELİFCAN DURSUN ÖZGÜVEN	SUSTAINABLE LOGISTICS AND SUPPLY CHAIN MANAGEMENT: A REVIEW OF EASTERN ASIA

13:00-13:15

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13:15-14:45		CHAIR OF SESSION	AUTHOR(S)	Presentation Language: ENGLISH
SESSION 2-1	Prof. Dr. Yutaka WATANABE	KAILUN YU, YUTAKA WATANABE	ROLLOVER PREVENTION BY MAXIMUM LATERAL FORCE BASED ON THE DETECTION OF THREE-DIMENSIONAL CENTER OF GRAVITY	
		DILAY ÇELEBİ	CAN HYPERLOOP BE A SUSTAINABLE TRANSPORT MODE OPTION FOR TURKISH LOGISTICS?	
		ÖMER ALADAĞ, İŞHAK ALTINPINAR	GREEN LOGISTICS CHAIN AND FİLYOS VALLEY PROJECT	
		ESRA HASDEMİR, DİLARA BARAN ATAĞ	ANALYZING AIR FREIGHT IN TERMS OF SUSTAINABLE ECONOMIC GROWTH OF TURKEY	
		FIRAT BOLAT	INVESTIGATING ATMOSPHERIC EFFECTS OF RO-RO SHIP OPERATIONS DURING COVID-19 PANDEMIC: A CASE STUDY	
13:15-14:45		CHAIR OF SESSION	AUTHOR(S)	Presentation Language: ENGLISH
SESSION 2-2	Assoc. Prof. Dr. Daisuke WATANABE	SAW AUNG, DAISUKE WATANABE	OPTIMIZATION OF PLATOON FORMATION CENTER LOCATION FOR TRUCK PLATOONING	
		MÜCAHİT ŞİŞLİOĞLU	A NEW DELIVERY CONCEPT FOR QUICK COMMERCE: MOBILE DISTRIBUTION CENTERS	
		FURKAN DİZGİNCİ, ŞEYMANUR USTA, ALEV TAŞKIN	AN OBJECT DETECTION IMPLEMENTATION TO 5S: AN APPLICATION FOR MAINTENANCE WORKSHOP IN A WAREHOUSE	
		GİZEM ATEŞ, DANIAL SHAHBAZI, AŞİTİ RONAHİ AKHAN, FUNDA KARATAŞ	R&D-BASED GREEN TRANSFORMATION IN LOGISTICS: CASE STUDY OF TOYOTA COMPANY	
		AYHAN DEMİRCİ	MULTI-CRITERIA DECISION-MAKING TECHNIQUE FOR PERSONNEL SELECTION: PSI SAMPLE	
13:15-14:45		CHAIR OF SESSION	AUTHOR(S)	Presentation Language: ENGLISH
SESSION 2-3	Asst. Prof. Dr. Morales MANUE	MEHMET SERDAR ÇELİK, DEMİR ALI AKYAR, BULUT OZAN CEYLAN	A STUDY ON THE CURRENT SITUATION OF THE MAJOR PORTS ALONG THE MARITIME SILK ROAD ROUTE WITHIN THE SCOPE OF THE MARITIME SILK ROAD PROJECT	
		MEHMET ERDEM	A MULTI-OBJECTIVE MODEL FOR URBAN WASTE COLLECTION AND TRANSPORTATION PROBLEM	
		ABBAS ALIPANAH KORDLAR, BAYRAM BARIŞ KIZILSAÇ, LEYLA TAVACIOĞLU	INVESTIGATION OF THE VARIATION OF THE LOAD IN TWENTY IMPORTANT PORTS IN TURKEY IN THE CORONA VIRUS PANDEMIC PERIOD	
		NUH KELEŞ	FORKLIFT SELECTION BY MCDM METHODS BASED ON THE MEREC METHOD	

14:45-15:00

BREAK

15:00-16:30		CHAIR OF SESSION	AUTHOR(S)	Presentation Language: ENGLISH
SESSION 3-1	Dr. Toprak Ferdi KARAKUŞ	ÖZGE DEMİRAL, SAMİME KELEŞ	DETERMINING THE CRITERIA USED IN THE SELECTION OF A THIRD-PARTY LOGISTICS SUPPLIER: BORDA-AHP COMBINATION	
		İLKER İBRAHİM AVŞAR, DİLARA BERRAK TARHAN, ATİYE TÜMENBATUR	FOOD SUPPLY CHAIN AND BLOCKCHAIN: BIBLIOMETRIC ANALYSIS	
		HAKAN ÖMER TUNCA	EVALUATION OF SYRIAN DIASPORA ENTREPRENEURSHIP IN TURKEY IN THE SCOPE OF SUSTAINABILITY	
		BEGÜM ŞAHİN	DISADVANTAGES OF E-LOGISTICS OPERATIONS: A CASE STUDY IN E-COMMERCE SECTOR	
		MEHMET PEKKAYA, BÜŞRA ASLAN	LITERATURE REVIEW ON THE USE OF BLOCKCHAIN TECHNOLOGY IN SUPPLY CHAIN MANAGEMENT	
15:00-16:30		CHAIR OF SESSION	AUTHOR(S)	Presentation Language: ENGLISH
SESSION 3-2	Assoc. Prof. Dr. Aleksandra LASKOWSKA-RUTKOWSKA	OĞUZHAN GÖKBAYRAK, HAKAN ALTUNAY	A MIXED-INTEGER LINEAR PROGRAMMING MODEL FOR THE TOURIST TRIP DESIGN PROBLEM	
		BURA SABİHA KELEK	RELATIONS BETWEEN TRADE AND LOGISTICS' MOVEMENTS IN PANDEMIC	
		İŞHAK ALTINPINAR, ÖMER ALADAĞ	THE IMPACT OF CONTAINER FREIGHT RATES ON THE GLOBAL ECONOMY	
		NUH KELEŞ, MEHMET PEKKAYA	SUSTAINABLE LOGISTICS CENTER LOCATION SELECTION WITH GRAY RELATIONAL ANALYSIS METHOD	
		TÜMAY YAVUZ, ATİYE TÜMENBATUR	SUSTAINABLE SUPPLY CHAINS FOR BIOECONOMY: A SURVEY ON PROJECTS AND LITERATURE ON AGRO BIOMASS	
15:00-16:30		CHAIR OF SESSION	AUTHOR(S)	Presentation Language: ENGLISH
SESSION 3-3	Prof. Dr. Köksal HAZIR	ECEM ÖZHAN	A STUDY ON THE RELATIONSHIP BETWEEN ENERGY CONSUMPTION AND ECONOMIC GROWTH: TURKEY	
		KÖKSAL HAZIR	CONTRIBUTION OF CONVERSION OF EXISTING MOTOR LAND VEHICLES TO ELECTRIC SYSTEM TO TURKISH ECONOMY AND THE ENVIRONMENT	
		KÖKSAL HAZIR, GÜVEN TEKİNERDOĞAN	THE EFFECT OF GREEN LOGISTICS APPLICATIONS ON EMPLOYEE JOB SATISFACTION	
		ESRA ÖZTÜRK, ÖZGÜR UĞUR ARIKAN	THE ETHICAL DILEMMA OF CUSTOMER SATISFACTION AND SUSTAINABILITY IN LAST MILE LOGISTICS	
		EMEL YONTAR	BLOCKCHAIN TECHNOLOGY AND SUSTAINABLE LOGISTICS: INTEGRATION IN THE CIRCULAR ECONOMY	

16:30-16:45

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16:45-17:00

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2nd International Symposium on Sustainable Logistics "Circular Economy"

June 24, 2022
Torus University

OPENING SPEECHES

09:00-09:10 Assoc. Prof. Ayhan DEMİRCİ (Head of Department of International Trade and Logistics)

09:10-09:30 **Assoc. Prof. Dr. Ryuichi SHIBASAKI**
The University of Tokyo, Graduate School of Engineering-Japan
Title: Logistics Analyses Using Maritime Big Data.

09:30-09:45

BREAK

CHAIR OF SESSION	AUTHOR(S)	Presentation Language: TURKISH			
SESSION I-1 Assoc. Prof. Ayhan DEMİRCİ	GÖKHAN AKANDERE	ENVIRONMENTAL PORT INDUSTRY IN A BIBLIOMETRIC ANALYSIS PERSPECTIVE			
	HÜSEYİN İŞBİLİR	IMPACT OF LOGISTIC PERFORMANCE ON ECONOMIC GROWTH TURKEY-CHINA SPECIFIC EVALUATION			
	SELİN BOLAT	EXAMINING THE EFFECTS OF INDUSTRY 4.0 IN THE LOGISTICS SECTOR IN THE DIRECTION OF SUSTAINABILITY PERSPECTIVE			
	KEVSER EZGİ KAYNAR, ÖMER ARIÖZ	THE ENVIRONMENTAL EFFECTS OF FRESH FRUIT VEGETABLE LOGISTICS IN MERSIN PROVINCE			
	PINAR BEDLEK	CONTENT ANALYSIS OF POSTGRADUATE THESES WRITTEN ON REVERSE LOGISTICS			
SESSION I-2 Asst. Prof. Dr. Gökçe MANAVGAT	MEHMET İNCE, ŞULE SİPAHİ	LOGISTICS 4.0: A COMPREHENSIVE LITERATURE REVIEW			
	VEYSEL ÇAKIN, KÖKSAL HAZIR	THE POSSIBLE EFFECTS OF BORDER CARBON REGULATION ON TURKEY'S CEMENT EXPORTS			
	ÖMER ALKAN, ERKAN OKTAY, ŞEYDA ÜNVER	GENDER DIFFERENCES IN ONLINE CLOTHING SHOPPING			
	ZEYNEP ERDOĞAN, İSMAİL ÇAĞRI KILIÇ, YASİN AFŞAR, ARZUM BÜYÜKKEKİK	DETERMINING THE IMPORTANCE OF ECONOMIC, SOCIAL AND ENVIRONMENTAL FACTORS IN SUSTAINABLE MARKETING: DAIRY PRODUCER COMPANY EXAMPLE			
	ESEN HAZIR	THE IMPORTANCE OF COLD CHAIN AND PROBLEMS IN FRESH FRUIT AND VEGETABLE LOGISTICS			
SESSION I-3 Asst. Prof. Dr. Özgür Uğur ARIKAN	MUSTAFA OLUKKAYA	EFFICIENCY EVALUATION OF AIRPORTS IN TURKEY BASED ON WINDOW-DEA METHOD			
	ONUR DERSE	DETECTION OF SUSTAINABLE LOGISTICS SUB-COMPONENTS AND, DETERMINATION OF IMPACT LEVELS OF SUSTAINABLE LOGISTICS COMPONENTS WITH DEMATEL METHOD			
	ADNAN DUYGUN	ENVIRONMENTALIST VEHICLE RECOMMENDATIONS FOR LAST MILE DELIVERY IN E-COMMERCE			
	BURÇİN PAÇACI	LOGISTICS CENTER LOCATION SELECTION WITH SUSTAINABLE TRANSPORTATION			
	SUZAN OĞUZ, DENİZ YALÇINTAŞ	STUDIES ON SUSTAINABILITY IN LOGISTICS: A BIBLIOMETRIC ANALYSIS BASED ON WOS DATA (2007-2021)			
CHAIR OF SESSION	AUTHOR(S)	Presentation Language: TURKISH			
			Prof. Dr. Abdullah ÇALIŞKAN	ŞEYDA ÜNVER, ÖMER ALKAN	SOCIO-DEMOGRAPHIC AND ECONOMIC DETERMINANTS OF EXPERIENCING PROBLEMS WITH ONLINE SHOPPING
			EMİN KIRMIZISAÇ, KÖKSAL HAZIR	SOCIO-DEMOGRAPHIC AND ECONOMIC DETERMINANTS OF EXPERIENCING PROBLEMS WITH ONLINE SHOPPING	
			İHSAN OLUÇ	EFFECTS OF FINANCIAL GLOBALIZATION AND RENEWABLE ENERGY CONSUMPTION ON CARBON FOOTPRINT: FINDINGS IN TURKEY	
ÖZLEM KÖROĞLU, ABDULLAH ÇALIŞKAN	THE EFFECT OF CRISIS MANAGEMENT APPLICATIONS ON THE JOB SATISFACTION OF INDIVIDUALS IN ENSURING SUSTAINABLE COMPETITIVE SUPERIORITY IN LOGISTICS FIRMS				
ANIL UTKU, SEMA KAYAPINAR KAYA	MACHINE LEARNING APPROACH ON TRAFFIC CONGESTION MONITORING				

11:15-11:20

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11:20-11:30

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