## **RESEARCH & PROFESSIONAL ACTIVITIES**

October 12 - 15, 2021 AND

# 2<sup>ND</sup> INTERNATIONAL CONFERENCE

INTERMODAL TRANSPORTS: INNOVATIONS IN PLANNING, MANAGEMENT, BUSINESS DEVELOPMENT & DECISION MAKING

October 14 & 15, 2021

Astir Egnatia Resort, Alexandroupolis, Greece

# **CONFERENCE PROGRAMME**



**Department of Economics Democritus University of Thrace** 

Conference chair:

Supported and funded

**Research Infrastructure** 







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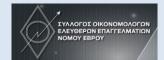




## **Regional Associations**







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Ινστιτούτο Βιώσιμης Κινητικότητας & Δικτύων Μεταφορών (Ι.ΜΕΤ.)









"Intermodal Transports: Innovations in Planning, Management, Business Development & Decision Making"

## **Tuesday 12/10/2021**

## **Hybrid Sessions**

## **Research Mentoring and Networking**

11:30-12:00 (Registration via https://vip4ride.com/)

12:00-13:15

Session I – Overview of Research in Supply Chain

**Welcome Speech** 

Evangelos Drimpetas, Professor

Dean of the School of Social, Political and Economic Sciences, DUTh

State of the Art Research in Transport and Supply Chain

Dimitrios Dimitriou, Associate Professor

Chair of 2<sup>nd</sup> Int. Conference on Intermodal Transports, Department of Economics, DUTh

The Challenges for Studies and Research in U.S.A

Evangelos Kaisar, Professor

Multimodal Intelligent Systems Laboratory, Florida Atlantic University

Will Government Net Zero Carbon Objectives Limit Aviation Growth?

Callum Thomas, (em) Professor

Manchester Metropolitan University

**New Trends in Managing Performance in Transport Enterprises** 

Maria Sartzetaki, Assistant Professor

Department of Economics, DUTh

**OHS in Air Navigation Services** 

Dr. Stylianos Zantanidis, Research Fellow

Department of Economics, DUTh

**Ethic Challenges in Modern Business** 

Dr. Panagiotis Kormas, Research Fellow

Applied Philosophy Research Lab, National Kapodistrian University of Athens

13:15-15:00

Session II - PhD Research Outputs in Supply Chain and Large Infrastructure Management

Measuring Sustainable Development: The case of the critical infrastructure

A. Karagkouni, PhD Candidate

Department of Economics, DUTh

Accessibility and event planning for Cultural Infrastructure

I. Kalenteridou, PhD Candidate

Department of Economics, DUTh

Mathematical Optimization Model for Minimizing the Autonomous Robots Logistic Cost via **Artificial Intelligence Algorithm** 

V. Antonoglou, Graduate Research Assistant

Department of Civil, Environmental and Geomatics Engineering, Florida Atlantic University

supported by

**CBA Analysis of Energy Projects** 

P. Zeimpekis, PhD Candidate

Department of Economics, DUTh









"Intermodal Transports: Innovations in Planning, Management, Business Development & Decision Making"

## **Project Management Techniques Towards Maritime Efficiency**

G. Sklias, PhD Candidate

Department of Economics, DUTh

## Analysis framework for certification of transport services and critical infrastructure

S. Stavrakoglou, PhD Candidate

Department of Economics, DUTh

## The resilience of business ecosystems in the post-COVID-19 era: Notes on the European **Recovery and Resilience Facility**

D. Chatzinikolaou, PhD Candidate

Department of Economics, DUTh

## The importance of medical facilities for international tourist arrivals

P. Apalaki, PhD Candidate

Department of Medicine, DUTh

15:00-15:30

**BREAK** 

15:30 - 17:30

## Session III – Research outputs and Relevant Research Fields

## The impact of the pandemic Covid-19 on the Digital Transformation and the organizational change in driving schools

E. Nousopoulou, M. Kamariotou, F. Kitsios

University of Macedonia, Thessaloniki

# Social media platforms and travel planning information: Measuring users' perceived value and

E. Moustaka, E. Mitsopoulou, M. Kamariotou, F.Kitsios

University of Macedonia, Thessaloniki

## Assessing Customer Satisfaction in the Greek 3PL Market

C. Tzoulias, M. Madas, F. Kitsios

University of Macedonia, Thessaloniki

## Intention to use & customer satisfaction towards mobile payments services: An empirical study

A. Sideri, M. Kamariotou, F. Kitsios

University of Macedonia, Thessaloniki

## Freight Data Efficient Management in Safe and Secure Truck Parking Areas within the Single Window Framework

M. Kouta, A. Koukounaris, K. Marousi

Department of Civil Engineering, University of Patras

## **Economic Assessment and Recommendations for Future Development of Energy Pipelines**

M. Karagkouni

MSc in Energy, Environmental Technology and Economics, City, University of London

#### **OHS conditions at Greek airports**

P. Asprouli

MSc in OHS, Department of Medicine, DUTh

#### OHS for the supply chain enterprises

S. Mixafenti

MSc in OHS, Department of Medicine, DUTh

## Media Tool for Destination Marketing: The case of Alexandroupolis

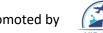
A. Minardos

Research Fellow, Department of Economics, DUTh









"Intermodal Transports: Innovations in Planning, Management, Business Development & Decision Making"

## Wednesday 13/10/2021

## **Hybrid Sessions**

## **Research Workshops and Scientific Editions**

#### 11:00 - 11:30

**Keynote address** 

Prof. Maria Michalopoulou, Vice-Rector of Research and Life-long Learning, DUTh

Eleni Papadopoulou, special Division B<sub>1</sub>, Ειδική Υπηρεσία Διαχείρισης ΕΠΑνΕΚ

Prof. Amalia Polydoropoulou, EN.I.R.I.S.ST. and EN.I.R.I.S.S.T.+ Coordinator, University of Aegean

11:30-15:30

Session I- Working Meeting of the E.N.I.R.I.S.S.T. Research Infrastructure Project

Technical and Scientific Meeting of the involved partners

15:30-16:00

#### **Coffee Break**

#### 16:00-18:00

Session II- Working Meeting of the E.N.I.R.I.S.S.T. Plus Research Project

Technical and Scientific Meeting of the involved partners

18:00 -18:30

#### **Coffee Break**

#### 18:30-19:30

**Session III- Presentation of New Scientific Editions** 

Moderators: T. Pelegrinis, (em) Professor (former Rector), National Kapodistrian University of Athens E. Drimpetas, Professor, Dean of the School of Social, Political and Economic Sciences, DUTh

#### "Future Policies and Strategies for Nation Branding"

Victoria Pistikou, Assistant Professor

Department of Economics, DUTh

## "Outsourcing and Offshoring"

Dimitrios Dimitriou, Associate Professor Department of Economics, DUTh

## "Air Traffic Management and Control"

Stylianos Zantanidis, Dr, Research Associate, Department of Economics, DUTh Head, Alexandroupolis "Dimokritos" Airport

## "Educational Book for Primary & Secondary School Students"

Maria Lambropoulou, Professor

Department of Medicine, DUTh

## *20:00*

## Participants' Networking Dinner at city of Alexandroupolis Nisiotiko restaurant (Casual dressing)









"Intermodal Transports: Innovations in Planning, Management, Business Development & Decision Making"

## Thursday 14/10/2021

## On-site Presentation Sessions (web attendance option provided)

#### 08:30-09:30

**Registration on Conference Venue** 

## 09:30-10:15

#### Welcome remarks by the Conference Chair

**Dimitrios Dimitriou**, Associate Professor, Dept of Economics, DUTh

## **Conference Host University**

Alexandros Polychronidis, Professor, Rector of DUTh

Evvagelos Drimpetas, Professor, Dean of the School of Social, Political and Economic Sciences, DUTh

Konstantinos Hazakis, Professor, Head of Dept of Economics, DUTh

#### **Regional Authorities**

**Dimitris Petrovits,** Vice-Governor, Prefecture of Evros (represented by **A. Tsonis**, Evros Vice-Governor of Tourism)

**Ioannis Zamboukis,** Mayor, Municipality of Alexandroupolis

Christodoulos Topsidis, President, Evros Chamber of Commerce and Industry

#### **International Universities and Research Institutions**

Pantelis Sklias, Professor, Rector of Neapolis University Pafos, Cyprus

Theodosios Pelegrinis, (em) Professor, Applied Philosophy Research Lab, (former Rector), National Kapodistrian University of Athens

**Alexander Skabardonis,** (em) Professor, University of California, Berkeley

Evangelos Kaisar, Professor, Director, Freight Mobility Research Institute, Florida Atlantic University

Evangelos Bekiaris, Director of the Hellenic Institute of Transport (HIT) -Centre for Research and Technology Hellas (CERTH)

## **Organization - Authorities**

**Bill Halkias,** President, International Road Federation (IRF)

Konstantinos Koutsoukos, President, "HELLASTRON"

**Georgios Dritsakos,** Governor, Hellenic Civil Aviation Authority (HCAA)

Konstantinos Chatzimichail, BoD Chairman, Alexandroupolis Port Authority S.A.

#### **Regional Business Associations**

Christos Giordamlis, President, Federation of Industries of Evros

**Apostolos Palakidis,** President, Hoteliers Association of Thrace

**Athanasios Pantazis,** President, Association of Economists of Evros

## 10:15-10:45

## **Message from the Government**

**Sofia Zacharaki,** Deputy Minister of Tourism, Greece

#### 10:45-11:45

## Moderator: F. Maris, Professor, Vice-Rector, DUTh

## Message from the Industry

Athanasios Vourdas, General Manager, International Airport Heraklion - Crete (IAHC)

Bill Halkias, President of the International Road Federation (IRF), CEO at Attikes Diadromes S.A.

Konstantinos Koutsoukos, CEO, Egnatia Odos S.A.

**Skipion Apostolakis,** Vice President, MIRTEC S.A. (EBETAM)

Christos Giordamlis, CEO, Prisma Electronics

Chronis Dardabounis, Director of Strategy and Development, Akritas S.A.

Christodoulos Topsidis, President, Evros Chamber of Commerce and Industry

Apostolos Palakidis, President, Hoteliers Association of Thrace













"Intermodal Transports: Innovations in Planning, Management, Business Development & Decision Making"

## 11:45-13:00

Moderators: P. Sklias, Professor, Rector of Neapolis University Pafos

M. Michalopoulou, Professor, Vice-Rector, DUTh

#### **Planning and Operational Challenges**

## **Fair Prices and Global Players in the Port Industry**

Konstantinos Chlomoudis, Professor, Department of Maritime Studies, University of Piraeus

#### The main dilemmas for railway companies in the domain of freight railway transportation

Christos Pyrgidis, Professor, School of Civil Engineering, Aristotle University of Thessaloniki

**Evaggelos Christogiannis**, Director of track maintenance, OSE

Panagiotis Anastasiou, Aristotle University of Thessaloniki

#### State of the Art Research in Automation and Digitalization in transport sector

Dr. Evangelos Bekiaris, Director, Hellenic Institute of Transport (HIT) & Vice President, Centre for Research and Technology Hellas (CERTH)

## Maximizing Multimodal Connections for Improved First-/Last-Mile Freight Transportations: Noteworthy Practices from the U.S. and Europe

**Evangelos Kaisar,** Professor, Director, Freight Mobility Research Institute, Florida Atlantic University

## Innovating for Public Transport Intermodality: the processes of identification and creation

Aristotelis Naniopoulos, (em) Professor, Aristotle University of Thessaloniki

#### 13:00-14:30

## Press Conference to media representatives (At Conference Room)

## **Followed by Lunch Break**

#### 14:30-14:45

## **Digitalization and Intelligence in Industry**

Leonidas Christopoulos, Secretary General of General Secretariat of Digital Governance

## 14:45-16:00

Moderators: K. Chlomoudis, Professor, Dept. of Maritime Studies, University of Piraeus **E. Bekiaris,** Director, of the Hellenic Institute of Transport (HIT) - (CERTH)

#### Developing New Research Infrastructure: The case of EN.I.R.I.S.S.T. and EN.I.R.I.S.S.T.+

Amalia Polydoropoulou, Professor, Department of Shipping Trade and Transport, University of Aegean

## Developing Intelligent Services in Transport Sector: The case of East Macedonia and Thrace (EN.I.R.I.S.T.+)

**Dimitrios Dimitriou**, Associate Professor, Department of Economics, DUTh

## Applications and tools for improving mobility and accessibility

**Dr. Georgia Ayfantopoulou,** Research Director – Deputy Director, HIT

#### Digital strategy and IS in e-government: Assessing users' acceptance and satisfaction

Fotis Kitsios, Associate Professor, Department of Applied Informatics, University of Macedonia Konstantinos Ioannou, Head of the Cybersecurity Department, Hellenic Ministry of Interior

Maria Kamariotou, Research Associate, Department of Applied Informatics, University of Macedonia

#### Challenges for promoting commercial activities in Tourist airports

**Theodoros Sbiliris,** Deputy Chief Development Officer, International Airport Heraklion - Crete (IAHC)

## 16:00-17:15

Moderators: C. Pyrgidis, Professor, School of Civil Engineering, Aristotle University of Thessaloniki N. Varsakelis, Professor, Dept of Economics, Aristotle University of Thessaloniki

#### State of the Art analysis framework and applications

#### **ECO Driving: Strategies and Impacts**

Alexander Skabardonis, (em) Professor, University of California, Berkeley









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## A Difference-in-Differences Analysis for Capturing the Effects of the Recently Imposed Changes in International Trade Agreements on the Metallic Scrap Cargo Flow

Loukas Dimitriou, Assistant Professor, Department of Civil and Environmental Engineering, University of Cyprus

## Procurement of Bus Public Transport Services: Consideration of Multimodality Issues

Panagiotis Papaioannou, Professor, School of Civil Engineering, Aristotle University of Thessaloniki Georgios Georgiadis, elected Assistant Professor, School of Civil Engineering, Aristotle University of Thessaloniki **Ioannis Politis,** Assistant Professor, School of Civil Engineering, Aristotle University of Thessaloniki

## New hub for Tourism in Greece: The new airport of Crete

Dr. Ayca Kolukisa, Chief Strategy Officer, International Airport Heraklion - Crete (IAHC)

## **Measuring Corporate Performance towards Business Resilience**

Maria Sartzetaki, Assistant Professor, Department of Economics, DUTh

17:15-17:30

**Coffee Break** 

17:30-18:45

Moderators: T. Pelegrinis, (em) Professor (former Rector), National Kapodistrian University of Athens

**T. Konstantinidis,** Professor, Director of Hygiene Lab, Dept. of Medicine, DUTh

## **Ethics and management in Supply Chain sector**

The ethics of AI in decision-making

Evangelos Protopapadakis, Associate Professor, National and Kapodistrian University of Athens

## Occupational Health and Safety Challenges in the Transport sector

Theodoros Konstantinidis, Professor, Director of Hygiene Lab, Department of Medicine, DUTh

## The concept of bioethics in supply chain sector

Alexandra Tsaroucha-Tsichrintzi, Professor, Department of Medicine, DUTh

#### Practices for managing Human Resources and wellbeing

Dr. Panagiotis Kormas, Research Fellow, Applied Philosophy Res. Lab, National Kapodistrian University of Athens

## The influence of the media on the controversial passenger behavior during the Covid-19 pandemic Vasiliki Bafataki, Communication Specialist - Journalist, PhD Candidate, DUTh

18:45-19:00

1<sup>st</sup> Day of Conference Closings by Dimitrios Dimitriou, Associate Professor, DUTh, Conference chair

## 19:00 - 20:00

## **Presentation of Honorary Volume for Prof. (emeritus) Chatzikonstantinou Georgios**

**Evaggelos Drimpetas,** Dean, School of Social, Political & Economic Sciences, DUTh **Pantelis Sklias,** Rector, Neapolis University Pafos, Cyprus

Spyridon Roukanas, Associate Professor, Dept of International & European Studies, University of Piraeus

Nikolaos Varsakelis, Professor, Dept of Economics, Aristotle University of Thessaloniki **Konstantinos Hazakis**, Head, Dept of Economics, DUTh









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## **Official Dinner**

## Thursday 14.10.2021, time 20:00pm Astir Egnatia Hotel, Alexandroupolis (a special award session is taken place)



https://www.astiregnatia.com/dining-restaurants.html







"Intermodal Transports: Innovations in Planning, Management, Business Development & Decision Making"

## Friday 15/10/2021

## **Hybrid Presentation Sessions**

#### 09:00-10:00

#### Session I- Research Infrastructure Outputs

Moderators: A. Tsirimpa and I. Pagoni

## Setting the basis of an Intelligent Research Infrastructure for Shipping, Supply chain, Transport and Logistics (ENIRISST): A Comparative State - of - the - art Review of e- Infrastructures

A. Polydoropoulou, A. Tsirimpa, I. Pagoni, D. Kouniadi

Department of Shipping, Trade and Transport, University of the Aegean

## SCOPE project: towards a more efficient freight transport system in Southeastern Europe

D. Nalmpantis, E. Genitsaris, V. Amprasi, A. Naniopoulos, A. Akac, A. Anagnostopoulou School, of Civil Engineering, Faculty of Engineering, Aristotle University of Thessaloniki Hellenic Institute of Transport; Centre for Research and Technology Hellas

# Intelligent cooperative integrated system for road safety and road infrastructure maintenance: ODOS

B. Halkias, H. Tyrogianni, N. Kalfa, K. Argyropoulou, C. Kidikoudis Attikes Diadromes S.A.

## What makes the dockless wheels spin? Exploring factors affecting users' intentions to use Bike Sharing Systems

I. Politis, I. Fyrogenis, E. Papadopoulos, A. Nikolaidou, E. Verani School of Civil Engineering, Aristotle University of Thessaloniki, Thessaloniki

#### 10:00-11:00

#### Session II - Logistics in the digital era

Moderators: I. Politis and I. Kalenteridou

## Identifying publicly available data sources for freight transportation planning

A. Ballis,T. Moschovou, E. Sfakianaki

Department of Transportation Planning & Engineering, NTUA

## Development of a Virtual Maritime Logistics Platform for effective and efficient maritime logistics

G. Aifantopoulou, B. Vassilantonakis, E. Xenou

Hellenic Institute of Transport- Centre for Research and Technology Hellas

## Flexible warehousing solutions through the use of Virtual Freight Center in Thessaloniki Region

G. Aifantopoulou, E. Xenou, L. Parodos, G. Tsoukos

Hellenic Institute of Transport- Centre for Research and Technology Hellas

New Technologies and Innovation Department, TREDIT S.A.

## Challenges and Prospects of City Logistics in the City of Athens

K. Seimeni, A. Tsirimpa

University of West Attica, Postgraduate (MSc) Program of Studies, "New Technologies in Shipping &

#### 11:00-12:30

## Session III - AI and Blockchain

Moderators: L. Dimitriou and P. Apalaki

## Assessing blockchain technology for certifying eFTI platforms and service providers in E.U.

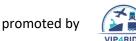
N. Rachaniotis, M. Masvoula, T. Dasaklis, G. Chondrokoukis, E. Kopanaki

University of Piraeus









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## Google's VRP free algorithm evaluation study and its use in small and medium transportation problems

A. Pantopoulos, E. Chrysochoou, A. Ziliaskopoulos, A. Lois

Department of Mechanical Engineering, University of Thessaly

System Optimization Lab, Department of Mechanical Engineering, University of Thessaly

#### Distributed ledger technologies for the sustainable supply chain

K. Ilchenko, D. Polish, A. Puhachova, M. Reeves IntellectEU

## Testing a mobile routing application focusing on usability and user experience

E. Chalkia, E. Bekiaris, G. Yannis

Hellenic Institute of Transport (HIT) of the Centre for Research and Technology Hellas (CERTH) Department of Transportation Planning and Engineering, National Technical University of Athens

## Internet Service for Vehicle Routing Problem with Time Windows based on a Metaheuristic Approach and OSRM

E. Spyrou, A. Anagnostopoulou, A. Aggelakakis, A. Tromaras, M. Boile School of Electrical and Computer Engineering Aristotle University of Thessaloniki Hellenic Institute of Transport Centre for Research and Technology Hellas Department of Maritime Studies University of Piraeus

## Democritus Racing Team: Planning & Financing the manufacturing of a Formula Student racecar

A. Adrianou, P. Botsaris

Democritus Racing Team, DUTh

12:30-13:30

Session IV – Freight Cargo: New Challenges Ahead

Moderators: C. Pyrgidis and A. Lois

## Practical and theoretical optimisation perspectives of agricultural transport

G. Kasselouris, A.Ballis

Department of Transportation Planning & Engineering, NTUA

## Railway freight: Cutting-edge technologies in the domain of rolling stock manufacturing and network operation

C. Pyrgidis, A. Dolianitis

Aristotle University of Thessaloniki

#### Identification of Truck Parking Locations in Florida State with Spatial Analysis Tools

V. Antonoglou

Department of Civil, Environmental and Geomatics Engineering, Florida Atlantic University

## Interregional analysis and network indices for road freight flows in Greece

T. Tsekeris

Centre of Planning and Economic Research (KEPE)

## 13:30-14:30

#### Session V – Intermodality: Efficient Planning and Performance

Moderators: N. Rachaniotis and M. Sartzetaki

## A conceptual model for intermodal transport databases

A. Ballis, T. Moschovou, B. Babalis

Department of Transportation Planning & Engineering, NTUA

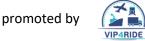
#### **Enabling public engagement for fostering intermodality**

V. Amprasi, E. Genitsaris, A. Naniopoulos, D. Nalmpantis









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School of Civil Engineering, Faculty of Engineering, Aristotle University of Thessaloniki

## Enhancing multimodal transport operations in the Adriatic – Ionian region

M. Miltiadou, E. Bouhouras, G. Mintsis, S. Basbas, C. Taxiltaris

School of Rural & Surveying Engineering, Aristotle University of Thessaloniki

## Investigating the potential of ride-sharing services in Thessaloniki, Greece

P. Igoumenidis, I. Politis, G. Georgiadis, and A. Kopsacheilis

Transport Engineering Laboratory, School of Civil Engineering, Aristotle University of Thessaloniki

#### 14:30-15:45

#### Session VI – Decision Making and Management

Moderators: F. Kitsios and A. Karagkouni

## Multimodal Freight Transportation: Support to Decision-Making Processes within the European Region

P. Nikolaou, L. Dimitriou

Department of Civil and Environmental Engineering, University of Cyprus

## Graph-based Information Dissemination for Supporting Real-Time Decision-Making in Transports

C. Tryfonopoulos, L. Zervakis, P. Raftopoulou

Department of Informatics & Telecommunications, University of the Peloponnese

## How to enhance the capacity of a regional ecosystem towards the development of intermodal transport innovation?

E. Genitsaris, V. Amprasi, A. Naniopoulos, D. Nalmpantis

School of Civil Engineering, Faculty of Engineering, Aristotle University of Thessaloniki

## Strategic Employee Relations Management and Business Strategy: Choices and Outcomes

E. Triantafillidou

Department of Economics, Democritus University of Thrace

## Facilitating Real Estate Rezoning via Rezoning Mechanisms

M. Halkias

University of California, Berkeley

#### Managing Occupational Health and Safety in PPP/Concession Infrastructure

K. Papakostas, D. Dimitriou

Olympia Odos

Department of Economics, DUTh

#### 15:45-17:00

## Session VII– Risk Mitigation and Contingency

Moderators: M. Chalaris and G. Sklias

## Managing intermodal transportation of hazardous materials accident using free software applications

Department of Chemistry, School of Science, International Hellenic University

## European Risks from Disease Spreading Scenarios: Critical airports, Stress- Tests and Passengers Monitoring

P. Nikolaou, L. Dimitriou

Department of Civil and Environmental Engineering, University of Cyprus

#### Impact of driver feedback on behavior and safety through a smartphone application

A. Kontaxi, A. Ziakopoulos, P. Papantoniou, G. Yannis

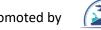
School of Civil Engineering, National Technical University of Athens

University of West Attica









"Intermodal Transports: Innovations in Planning, Management, Business Development & Decision Making"

## A review of the transport sector: Notes from the post-COVID-19 era

D. Chatzinikolaou, D. Dimitriou

Department of Economics, Democritus University of Thrace

## **Disaster Risk Analysis for Critical Infrastructure**

D. Dimitriou, A. Karagkouni, G. Sklias

Department of Economics, Democritus University of Thrace

## 17:00-18:15

#### Session VIII - Sustainability and Resiliency

Moderators: P. Papantoniou and V. Pistikou

#### What does Sustainable Development mean for an Airport?

Callum Thomas

Department of Natural Sciences, Manchester Metropolitan University

## A National Cost Benefit Analysis for Electromobility: the case of Cyprus

F. Alogdianakis, L. Dimitriou

Department of Civil and Environmental Engineering, University of Cyprus

#### Market viability of innovative ITS solutions for fuel consumption reduction of heavy duty road vehicles

D. Margaritis, S. Öncü, K. Koprubasi, T. Desseilles, J-C Pandazis

Centre for Research and Technology Hellas (CERTH)/Hellenic Institute of Transport (HIT) FORD OTOSAN

## Sustainable intermodal supply chain management for perishable food products

V. Yakavenka, D. Vlachos, I. Mallidis, D. Bechtsis

Department of Mechanical Engineering, Aristotle University of Thessaloniki

Department of Statistical and Insurance Science, University of Western Macedonia

Department of Industrial Engineering and Management, International Hellenic University, Greece

## Airport Sustainability Performance Evaluation based on their Environmental Strategy

A. Karagkouni, D. Dimitriou

Department of Economics, DUTh

#### 18:15-19:30

#### Session IX – Technology and Electrification

Moderators: S. Stavrakoglou and A. Thanos

## Motorway capacity under normal and autonomous driving conditions

P. Papantoniou, V. Kalliga, C. Antoniou, D. Sermpis, B. Halkias

University of West Attica

Technical University of Munich

Attikes Diadromes S.A.

## The impact of technology on digital transformation: A literature review

V. Tsiavos, F. Kitsios

Department of Applied Informatics, University of Macedonia

## A framework for the "humanization" of Autonomous Vehicles

P. Papantoniou, C. Antoniou

University of West Attica

Technical University of Munich

#### Investigating mobility characteristics in University of West Attica. The case of an electric bus

M. Zisi, N. Arvanitakis, K. Sitermegia, E. Michelakaki, A. Stamatiou, A. Souflas, P. Papantoniou University of West Attica









"Intermodal Transports: Innovations in Planning, Management, Business Development & Decision Making"

## Investigating gaps in electromobility: The case of Region of Attica

F. Orfanou, P. Papantoniou, G. Yannis, E. Vlahogianni

Department of Transportation Planning and Engineering, National Technical University of Athens University of West Attica

19:30-19:45

**2<sup>nd</sup> Day of Conference Closings** 







