

# Eleftherios A. Sdoukopoulos



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## AREAS OF EXPERTISE

- ✓ Greening ports and deep- & short-sea shipping
- ✓ Port and terminal governance management and operations
- ✓ Port-hinterland connectivity
- ✓ Port-city interactions
- ✓ Port and maritime transport policy setting
- ✓ Maritime transport network planning
- ✓ Maritime logistics
- ✓ Maritime innovation ecosystems (assessment & scale-up support)
- ✓ Skills and curricula development in the port and maritime transport industry

## PROFESSIONAL EXPERIENCE



### Hellenic Institute of Transport (HIT) – Centre for Research & Technology Hellas (CERTH)

- **Head of the Environmental & Energy Impacts of Transport Systems Laboratory**

January 2023 – Present

- Updated the Lab's vision and strategic objectives
- Manage the Lab's research infrastructure & equipment
- + *Previous roles*

- **Postdoctoral Researcher**

June 2022 – Present

- Appointed Principal Investigator (PI) in the EMSWe and Short Sea Shipping studies, and the FLORES research project
- + *Previous roles*

- **Associate Researcher**

September 2010 – May 2022

- Timely identification of available funding opportunities matching business needs
- Development of innovative concept ideas adhering to identified research topics, and assessment of required competences, expertise, infrastructure and equipment
- Investigation of collaboration opportunities via constantly expanding professional network, participation in scientific & business associations and fora, as well as in brokerage events, workshops, conferences, etc.
- Formation of multi-disciplinary and multi-national consortia, in a highly cooperative environment, and allocation of roles and responsibilities
- Set-up of targeted work plans and state-of-the-art methodological frameworks
- Set-up of project activities timeline and budget breakdown
- Coordination of project proposals submission, negotiation and contract preparation processes
- Management and technical implementation of research, development, demonstration and impact assessment project activities in line with agreed timeline and use of resources
- Effective dissemination and communication of project results and outputs to target audiences
- Exploitation of research results for supporting business development and scale-up, evidence-based policy and investment decision-making, as well as workforce training, reskilling and upskilling



## Department of Maritime Studies – University of Piraeus

### • Academic Fellow

October 2022 – October 2023

Taught two undergraduate 4<sup>th</sup>-year courses:

#### ◆ **System Dynamics**, Winter Semester

*Course units:* Systems thinking | System dynamics fundamentals | Causal-loop diagrams | Stock-and-flow diagram | System dynamics model building (VensimPLE) | Scenario formulation, evaluation and interpretation of results for supporting decision-making

#### ◆ **Risk Management in Shipping and Transport**, Spring Semester

*Course units:* Risk and hazard definition | The risk mng process | Transport systems conceptualization | Risk typology | Risk analysis methods | Hazard risks analysis | Operational risks analysis | Financial risks analysis | Strategic risks analysis | Risk control measures | Key policies and standards

### • Researcher

March 2023 – August 2023

Implementation of the ‘Study on the Capacity of Greening of European Seaports’ – Review, categorization and analysis of good ‘green’ port practices



**Department of Rural & Surveying Engineering – Aristotle University of Thessaloniki**

**External Research Associate**

October 2022 – October 2023

Collection, processing and analysis of road traffic data for the city of Aridaia



**Polygoniki S.A.**  
**Rural & Surveying Engineer**

November 2007 – July 2008

Surveying work on major construction and renovation projects in Northern Greece (e.g. Lidl supermarkets in Central and West Macedonia, ‘Baron Hirsch’ Hall in Thessaloniki city centre, etc.)

## **EDUCATION**



**Doctor of Philosophy (PhD) in Maritime Studies**

**University of Piraeus, May 2022**

**Grade: 10/10**

*Doctoral Dissertation title:* Global freight transport and logistics: Investigation of port-hinterland relationships and interactions within global supply chains



**Master of Science (MSc) in Transportation Engineering**

**Aristotle University of Thessaloniki, November 2009** **Grade: 9.22/10**

*MSc Thesis title:* Methodologies for assessing the pedestrian Level of Service: International experience and adjustment to Greek conditions



**Integrated Master of Engineering (MEng) in Rural & Surveying Engineering**

**Aristotle University of Thessaloniki, February 2008** **Grade: 7.37/10**

*MEng Thesis title:* Investigation of parking characteristics in the city of Giannitsa

## **RESEARCH PROJECTS**

**FLORES** – Forward looking at the offshore renewables –  
Developing tools and activities to support and expand the pact  
for skills in the offshore renewable energies



The project promotes the core activity of the large-scale partnership launching the pact for skills in the offshore renewable energies (ORE) sector. It will support ORE stakeholders through the stimulation of dedicated training offers, promoting the skilling process for the new jobs expected in the sector and contributing to improving upskilling opportunities of the actual ORE workforce. Skills intelligence activities will identify and prioritize capacity building actions covering not only the rapid and complex changes occurring in this industrial ecosystem but also the changes that are likely to occur, especially with regard to new and emerging technologies. Building on industry insights, occupational profiles of the ORE value chain will be reviewed, contributing towards the continuous update of the ESCO database.

[Programme: Erasmus+ | Project budget: 700.000 € | CERTH-HIT budget: 76.294 € | Role: [Work Package Leader & CERTH-HIT Team Project Leader](#) | Period of engagement: January 2023 - Present]

**NEEDS** – Dynamic techno-economic scenario simulation model for sustainable waterborne activities and transport



The project applies existing scenario simulation techniques containing, among others, regional information on transport network and hindcast data of weather conditions (for regional energy production) to simulate different scenarios of sustainable fuel deployment. Forcing certain variables as input into the model in order to study its impact on other quantities, will help evaluating the viability of certain scenarios or identify bottlenecks and best tactics to overcome them. The model will primarily focus on variables and parameters related to the waterborne community. However, it will not be closed and will allow the possible future inclusion of other sources of energy needs, if made available from land-based activity and transport, or aviation.

[Programme: Horizon Europe | Project budget: 523.437 € | CERTH-HIT budget: 75.625 € | Role: [Work Package Leader](#) | Period of engagement: May 2022 – October 2023]

**MarLEM** – Maritime logistics engineering and management



The project aims to design and develop a Master Course in the field of Logistics Engineering and Management, applied to the large EU maritime port space. The course will place particular focus on: strategic logistics, business analysis and maritime and port process analysis, innovation and entrepreneurship at sea, systems integration and integrated maritime and port logistics and sustainability and supply chain resiliency.

[Programme: European Maritime and Fisheries Fund (EMFF) | Project budget: 649.244 € | CERTH-HIT budget: 49.595 € | Role: [Contributor](#) | Period of engagement: January 2020 – December 2022]

**NAUS** – Exploitation of maritime information for the interoperability of cruise supply chains



The project aims to develop an interoperable system that will provide management services for accommodating cruise supply chains in Greece and Cyprus, exploiting maritime information from different sources currently available or from national maritime single windows. The system will offer the opportunity to submit and exchange business offers between cruise shipping companies and local producers and suppliers, especially for products that cruise vessels receive locally.

[Programme: Interreg Greece-Cyprus | Project budget: 733.000 € | CERTH-HIT budget: 153.000 € | Role: [Work Package Leader](#) / Period of engagement: July 2019 – October 2021]

**ClusterACT** – Aggregation and collaboration tools to enhance cluster network in the maritime sector



The project aims to promote networking between maritime clusters in the Mediterranean region for supporting maritime innovation and technology, business and skills development. It addresses key maritime sub-sectors strongly related to tourism (i.e. cruising, leisure boating, ports and marinas) and will build the baseline and structure of this collaboration process considering both short- and long-term perspectives.

[Programme: European Maritime and Fisheries Fund (EMFF) | Project budget: 806.940 € | CERTH-HIT budget: 126.369 € | Role: [Work Package Leader](#) | Period of engagement: February 2019 – October 2021]

**SUPAIR** – Sustainable Ports in the Adriatic – Ionian Region



The project aims to tackle the reduction of emissions from shipping and on-shore port operations following an integrated approach, enhancing in that way port authorities' capacity to plan and implement low-carbon and multimodal transport and mobility solutions and further empowering the main political, technical and trade stakeholders in related decision-making.

[Programme: Interreg ADRION | Project budget: 1,45 Million € | CERTH-HIT budget: 144.026 € | Role: [Work Package Leader](#) | Period of engagement: March 2018 – September 2018 & June 2019 – June 2020]

**MATES** – Maritime Alliance for fostering the European Blue Economy through a Marine Technology Skilling Strategy



The project aims to respond to the ongoing evolution in the maritime industry and develop a strategic plan coupled with effective implementation measures that will dynamically tackle the existing and foreseen skills shortage and contribute to a more resilient labor market, capable of adapting to new scenarios, and aiming to safeguard the well-being of present and future maritime-dependent communities and the overall competitiveness of the industry.

[Programme: Erasmus+ | Project budget: 4 Million € | CERTH-HIT budget: 359.312 € | Role: [Work Package Leader](#) | Period of engagement: June 2018 – September 2018 & February 2019 – April 2022]

**EU-PORTRAIStS** – European Port Workers Training Scheme



The EU-PORTRAIStS project provided technical support to the European Ports Social Dialogue Committee aiming to examine the 'map' of the EU ports 'human capital' in relation to the sector's current and future needs and requirements for well-educated, trained and qualified staff who can ensure safe and efficient operations in EU ports, securing EU ports' industry competitiveness.

[Programme: 7<sup>th</sup> Framework Programme (FP7) | Project budget: 1,39 Million € | CERTH-HIT budget: 392.807 € | Role: [Contributor to WP2 Deliverables](#) | Period of engagement: May 2016 – December 2016]

## **SOLUTIONS** – Sharing Opportunities for Low Carbon Urban Transportation



The SOLUTIONS project aimed to support the exchange of innovative and green urban mobility solutions between Europe, Asia, Latin America and the Mediterranean by fostering knowledge sharing and bridging the ‘implementation gap’ for the actual uptake of solutions or packages of solutions.

[Programme: 7<sup>th</sup> Framework Programme (FP7) | Project budget: 2,2 Million € | CERTH-HIT budget: 1 17.914 € | Role: [Work Package Leader](#) | Period of engagement: November 2013 – October 2016]

## **GREENBERTH** – Promotion of Port Communities SMEs role in Energy Efficiency and Green Technologies for Berthing Operations



The GREENBERTH project aimed to encourage the integration of SMEs in the strategic development plans of port operators by studying in detail the improvement opportunities of energy efficiency and the use of environmentally friendly technologies to be implemented, through the exchange of best practices, in six reference Mediterranean ports.

[Programme: MED | Project budget: 1,6 Million € | CERTH-HIT budget: 160.215 € | Role: [Task Leader](#) | Period of engagement: November 2013 – June 2015]

## **ACTIS** – Advanced Cargo Transport Information Services



The ACTIS project aimed to introduce, for the first time in the Greek market, a novel and technologically advanced freight exchange platform, enhanced with innovative capabilities and services, tailored to the needs of the Greek freight transport market.

[Programme: National Strategic Reference Framework (NSRF) – ‘Cooperation’ Programme | Project budget: 499.075 € | CERTH-HIT budget: 150.000 € | Role: [Contributor to WPI Deliverables](#) | Period of engagement: March 2014 – October 2015]

## **COMPETE** – Development of an optimization-based simulation platform for modeling & analysis of freight transport operations through marine container terminals with the objective of improving productivity & measuring environmental and economic implications



The COMPETE project aimed to produce more efficient, accurate and integrated tools for the study of marine container terminal and drayage truck operations, taking into consideration container transport operations from the marine terminal to hinterland facilities.

[Programme: National Strategic Reference Framework (NSRF) – ‘THALES’ Programme | Project budget: 429.525 € | CERTH-HIT budget: 196.495 € | Role: [Contributor to WP2-7 Deliverables & Support in technical and financial project management](#) | Period of engagement: January 2013 – December 2013 & March 2014 – June 2015]

## **COFRET** – Carbon Footprint of Freight Transport



The COFRET project aimed to support the realization of the EU emission targets by examining methodologies for the accurate calculation of carbon emissions, considering all modes of freight transport in the supply chain, and making recommendations for an improved and harmonized future approach.

[Programme: 7<sup>th</sup> Framework Programme (FP7) | Project budget: 2,8 Million € | CERTH-HIT budget: 74.500 € | Role: [Contributor to WP6 Deliverables](#) | Period of engagement: February 2012 – July 2014]

## **e-Freight** – European e-Freight Capabilities for Co-modal Transport



The e-Freight project aimed to facilitate the use of different transport modes on their own and in combination in order to obtain an optimal and sustainable utilization of European freight transport resources. "e-freight" denotes the vision of paperless freight transport processes where an electronic flow of information is linked to the physical flow of goods. e-freight developments are expected to lead in the future to goods becoming self-context, location-aware and connected to a wide range of information services, thus further automating the transportation management process. The project developed a platform supporting the design, development, deployment and maintenance of e-Freight solutions which were validated in different business cases and pilots.

[Programme: 7<sup>th</sup> Framework Programme (FP7) | Project budget: 12,6 Million € | CERTH-HIT budget: 176.700 € | Role: [Contributor to WPI Deliverables](#) | Period of engagement: January 2011 – June 2013]

## **SMART-CM** – Smart Container Chain Management



The SMART-CM project aimed to advance technology implementation and research in order for the global container door-to-door transport chains to become more efficient, secure and competitive. The project developed, demonstrated and assessed the operation of the 'SMART-CM platform' which supports secured and non-biased critical information exchange among global supply chain actors.

[Programme: 7<sup>th</sup> Framework Programme (FP7) | Project budget: 10,3 Million € | CERTH-HIT budget: 1,05 Million € | Role: [Contributor to WP7 Deliverables](#) | Period of engagement: October 2010 – December 2011]

## **MARPOS** – Maritime Policy Support



The MARPOS project aimed at assisting the European Commission in the implementation of the EU Maritime Transport Policy objectives by utilizing the results of past research work in the field of Maritime Transport and related expertise from the Transport sector. It addresses the issue by consolidating and synthesizing the results of Maritime Transport research in the 5th, 6th and 7th Framework Programme, as well as evaluating their uptake, while it also investigated the future needs and priorities for EU research in the Maritime Transport sector.

[Programme: 7<sup>th</sup> Framework Programme (FP7) | Project budget: 479.820 € | CERTH-HIT budget: 189.440 € | Role: [Contributor to WP2-5 Deliverables & Support in project technical and financial management and reporting](#) | Period of engagement: September 2010 – August 2011]

## RESEARCH STUDIES

### Study on short-sea shipping's contribution to the European transport network and the means to support and revitalize the sector



The study aims to analyse the current trends of the EU short-sea shipping (SSS) sector, identify the main factors affecting the growth of the sector, analyse the evolution of the SSS market regarding main drivers, supply developments and demand requirements, and propose policy actions and recommendations to reinforce the position of SSS in EU, while meeting the objectives of the EU Green Deal.

[Client: European Commission – Directorate General for Mobility and Transport (DG MOVE) | Project budget: 149.860 € | CERTH-HIT budget: 17.983 € | Role: [Case Study Coordinator & CERTH-HIT Team Project Leader](#) | Period of engagement: November 2023 – Present]

### Study on the Capacity of Greening of European Sea Ports



The study aims to identify the factors affecting the capacity for greening of European seaports paired with economic development. More specifically, it (a) documents the environmental effects resulting from the operation of ships, port operations and hinterland connection activities, as well as the legislation that pertains to them, (b) assesses the effects not addressed and recognizes the impediments seaports are facing in implementing green objectives, (c) identifies and promotes good green port practices, and (d) supports knowledge sharing and identifies tools that can be used for pursuing green objectives which ports can adjust and apply to their own specificities.

[Client: European Commission – Directorate General for Mobility and Transport (DG MOVE) | Project budget: 269.810 € | UNIFI budget: 95.650 € | Role: [Contributor to WP4-6 Deliverables](#) | Period of engagement: March 2023 – August 2023]

### Support study to the activities of the European Maritime Single Window environment



Through this contract, support is being provided to the European Commission – Directorate General for Mobility and Transport (DG MOVE) for the establishment of the European Maritime Single Window environment (EMSWe) and the application of Regulation (EU) 2019/1239. The consortium supports DG MOVE in planning and managing all activities associated to the implementation of the EMSWe, organizing relevant expert group meetings and reporting findings and results, as well as engaging key experts for enhancing the alignment of the results with the technical, legal and business requirements of the maritime transport sector.

[Client: European Commission – Directorate General for Mobility and Transport (DG MOVE) | Project budget: 438.700 € | CERTH-HIT budget: 178.100 € | Role: [Deputy Project Manager & CERTH-HIT Team Project Leader](#) | Period of engagement: January 2023 – Present]

### The logistics sector in Greece – training & certification



The description of the study is confidential.

[Client: World Bank | Project budget: Confidential | CERTH-HIT budget: Confidential | Role: Contributor | Period of engagement: December 2013 – May 2014]

### Study for estimating the overall truck operating cost for urban and domestic freight transport journeys



The study identifies the parameters that should be taken into consideration for estimating a truck's operating costs for both urban and domestic freight transport journeys. In order to facilitate such a process, an excel-based tool was developed and applied in 4 case studies.

[Client: National Union of Road Transport Operators | Project budget: 5.000 € | CERTH-HIT budget: 5.000 € | Role: Study Leader | Period of engagement: December 2012 – February 2013]

### Study of the applicability of the Road Equivalent Tariff concept on coastal shipping connections in Greece, with emphasis on public service obligation connections



The study investigated the applicability of the 'Road Equivalent Tariff' on Greek coastal shipping, with emphasis on public service obligation routes, and pilot designed its full-scale adoption by providing targeted recommendations and solutions on how it can be best implemented on selected routes.

[Client: (Former) Greek Ministry of Economy, Competitiveness and Shipping | Project budget: 99.500 € | CERTH-HIT budget: 49.750 € | Role: Contributor | Period of engagement: January 2012 – October 2012]

## RESEARCH PROGRAMMES & FUNDS ADDRESSED

### European

- ✓ Horizon Europe
- ✓ EC Framework Contracts
- ✓ EC Tenders (multiple EC Services)
- ✓ European Maritime, Fisheries and Aquaculture Fund
- ✓ Erasmus+
- ✓ Horizon 2020
- ✓ COST Funds
- ✓ LIFE
- ✓ FP7
- ✓ Intelligent Energy Europe

### Regional

- ✓ EEA and Norway Grants Fund
- ✓ Interreg Mediterranean
- ✓ Interreg ADRIAN
- ✓ Interreg Balkan-Mediterranean
- ✓ Interreg Greece-Bulgaria
- ✓ Interreg Greece-Cyprus
- ✓ Interreg Greece-Germany
- ✓ Interreg Greece-Israel
- ✓ Programme MED
- ✓ ENI CBC Mediterranean Sea Basin Programme
- ✓ Joint Operational Programme Black Sea Basin
- ✓ South East Europe
- ✓ ENVI-MED Regional Programme

### National

- ✓ NSRF 'Research-Create-Innovate'
- ✓ NSRF 'Cooperation'
- ✓ NSRF 'Excellence'
- ✓ J. Latsis Foundation

Though more scarce, **international** calls for proposals have also been addressed, issued by:

- ✓ World Bank
- ✓ Volvo Research and Educational Foundations

## PUBLICATIONS

### BOOKS



Papadimitriou S., Lyridis D.V., Koliouisis I., Tsioumas V., **Sdoukopoulos E.**, Stavroulakis P.J. (2018) “The Dynamics of Short Sea Shipping: New Practices and Trends”, Palgrave Macmillan (Palgrave Studies in Maritime Economics), ISBN: 978-3-319-98044-7 (eBook), 978-3-319-98043-0 (Hardcover), DOI: 10.1007/978-3-319-98044-7.

### IN SCIENTIFIC JOURNALS

1. **Sdoukopoulos E.**, Boile M. (2021) “Strengthening the collaborative environment in port-hinterland corridor management initiatives: A value system approach”, *Sustainability*, Vol. 13, No. 16: 9212. <https://doi.org/10.3390/su13169212>
2. **Sdoukopoulos E.**, Boile M. (2020) “Port-hinterland concept evolution: A critical review”, *Journal of Transport Geography*, Vol. 86, Issue C. <https://doi.org/10.1016/j.jtrangeo.2020.102775>
3. **Sdoukopoulos E.**, Boile M., Tromaras A., Anastasiadis N. (2019) “Energy efficiency in European ports: State-of-practice and insights on the way forward”, *Sustainability*, Vol. 11, Issue 18, No. 4952. <https://doi.org/10.3390/su11184952>
4. Boile M., Theofanis S., **Sdoukopoulos E.**, Plytas N. (2016) “Developing a port energy management plan: issues, challenges and prospects”, *Transportation Research Record: Journal of the Transportation Research Board*, No. 2549, pp. 19 – 28. <https://doi.org/10.3141/2549-03>
5. **Sdoukopoulos E.**, Boile M., Anagnostopoulou A. (2015) “Estimating truck operating costs for domestic trips – case studies from Greece”, *Logistics & Sustainable Transport*, Vol. 6, No. 1, pp. 41 – 49. <https://doi.org/10.1515/lst-2015-0010>
6. Boile M., **Sdoukopoulos E.** (2014) “Supply chain visibility and security – The SMART-CM project solution”, *International Journal of Shipping and Transport Logistics*, Vol. 6, No. 3, pp. 280 – 292. <https://doi.org/10.1504/IJSTL.2014.060786>

### IN EDITED BOOKS

1. Efthymiou L., Dekoulou P., Orphanidou Y., **Sdoukopoulos E.** (2024). Digital Transformation and System Interoperability in EU Seaports: A Platform Facilitating Supply Chain in the Cruise Industry. In: Zarifis, A., Ktoridou, D., Efthymiou, L., Cheng, X. (Eds) *Business Digital Transformation*. Palgrave Macmillan, Cham. [https://doi.org/10.1007/978-3-031-33665-2\\_5](https://doi.org/10.1007/978-3-031-33665-2_5)
2. Efthymiou L., Dekoulou E., Orphanidou Y., **Sdoukopoulos E.**, Perra V.M., Boile M., Bras I. (2022) “Crisis, adaptation and sustainability: digital system interoperability in the cruise industry”, In Vrontis D., Thrassou A., Weber Y., Shams S.M.R., Tsoukatos E. & Efthymiou L. (Eds.), *Business Under Crisis Vol. III*, Palgrave Studies in Cross-Disciplinary Business Research, In Association with EuroMed Academy of Business, pp. 111-136, Cham: Palgrave Macmillan. [https://doi.org/10.1007/978-3-030-76583-5\\_5](https://doi.org/10.1007/978-3-030-76583-5_5)

3. **Sdoukopoulos E.**, Boile M. (2021) “Hinterland corridor management initiatives in the EU and the US: the role of ports”, In Guedes Soares C. & Santos T.A. (Eds.), *Developments in Maritime Technology and Engineering - Proceedings of the 5<sup>th</sup> International Conference on Maritime Technology and Engineering (MARTECH2020)*, Vol. 1, pp. 101-110, London: CRC Press – Taylor & Francis Group. <https://doi.org/10.1201/9781003216582-11>
4. **Sdoukopoulos E.**, Perra V.M., Boile M., Efthymiou L., Dekoulou E., Orphanidou Y. (2020) “Connecting cruise lines with local supply chains for enhancing customer experience: a platform application in Greece”, In Nathanail E.G., Adamos G. & Karakikes I. (Eds.), *Advances in Mobility-as-a-Service Systems*, CSUM2020, pp. 1086-1096. Part of the *Advances in Intelligent Systems and Computing Book Series*, Vol. 1278. Cham: Springer. [https://doi.org/10.1007/978-3-030-61075-3\\_104](https://doi.org/10.1007/978-3-030-61075-3_104)
5. **Sdoukopoulos E.**, Tsafonias G., Perra V.M., Boile M., Fraga Lago L. (2019) “Identifying skill shortages and education and training gaps for the shipbuilding industry in Europe”, In Georgiev P. & Guedes Soares C. (Eds.), *Sustainable Development and Innovations in Marine Technologies – Proceedings of the 18<sup>th</sup> International Congress of the International Association of the Mediterranean (IMAM2019)*, pp. 458-465, London: CRC Press - Taylor & Francis Group, ISBN: 978-0-367-40951-7.
6. **Sdoukopoulos E.**, Perra V.M., Tsafonias G., Boile M., Fraga Lago L. (2019) “Boosting offshore renewable energy in Europe: Skills shortages and gaps in education and training”, In Georgiev P. & Guedes Soares C. (Eds.), *Sustainable Development and Innovations in Marine Technologies - Proceedings of the 18<sup>th</sup> International Congress of the International Association of the Mediterranean (IMAM2019)*, pp. 559-566, London: CRC Press - Taylor & Francis Group, ISBN: 978-0-367-40951-7.
7. Lah O., Alveano S., Arioli M., Chesterton V., **Sdoukopoulos E.** (2019). “Sustainable urban mobility solutions for Asia, Latin America and the Mediterranean region”, In Lah O. (Ed.), *Sustainable Urban Mobility Pathways*, Chapter 2, pp. 23-63, Cambridge: Elsevier, <https://doi.org/10.1016/B978-0-12-814897-6.00002-8>, ISBN: 978-0-12-814897-6.
8. Chalkia E., **Sdoukopoulos E.**, Bekiaris E. (2018) “Risk analysis of innovative maritime transport solutions using the extended Failure Mode and Effects Analysis (FMEA) methodology”, In Guedes Soares C. & Santos T.A. (Eds.), *Progress in Maritime Technology and Engineering – Proceedings of the 4<sup>th</sup> International Conference on Maritime Technology and Engineering (MARTECH2018)*, pp. 491-498, London: CRC Press - Taylor & Francis Group, ISBN: 978-1-138-58539-3.
9. Anagnostopoulou A., **Sdoukopoulos E.**, Boile M. (2017) “Sustainable urban logistics for efficient and environmentally friendly port-cities”, In Guedes Soares C. & Teixeira A.P. (Eds.), *Developments in Maritime Transportation and Harvesting of Sea Resources - Proceedings of the 17<sup>th</sup> International Congress of the International Association of the Mediterranean (IMAM2017)*, Vol. 1, pp. 115-122, London: CRC Press - Taylor & Francis Group, ISBN: 978-0-815-37993-5.
10. **Sdoukopoulos E.**, Boile M. (2016) “The Greenberth research project: overview, goals, results” (*in Greek*), In S. Kyvelou (Ed.), *Maritime Spatial Issues: Maritime dimension of territorial cohesion, maritime spatial planning, sustainable blue growth*, Thematic Section X, Chapter 15, pp. 532-535, Athens: KRITIKI Publishing S.A., ISBN: 978-9-605-86112-4.

11. Anagnostopoulou A., **Sdoukopoulos E.**, Boile M. (2014) “Assessing the impact of marine terminal gate operational and infrastructure improvements”, In Guedes Soares C. & Peña L. (Eds.), *Developments in Maritime Transportation and Exploitation of Sea Resources - Proceedings of the 15<sup>th</sup> International Congress of the International Association of the Mediterranean (IMAM2013)*, Vol. 2, pp. 625-633, London: CRC Press - Taylor & Francis Group, ISBN: 978-1-138-00124-4.
12. Papoutsis K., Basbas S., Bouhouras E., **Sdoukopoulos E.** (2013) “Impact investigation of the economic crisis to the road freight sector in Thessaloniki”, In Brebbia C.A. (Ed.), *WIT Transaction on the Built Environment - Urban Transport XIX*, Vol. 130, pp. 547–558, Southampton: WITpress, ISBN: 978-1-84564-716-2.

## IN SCIENTIFIC CONFERENCES

### Full text review

1. Karagkouni K., Theofanis S., Boile M., **Sdoukopoulos E.** (2024) “Transitioning towards green port operations: A state-of-practice approach on emerging “green” technologies”, *Transport Research Arena (TRA) Conference 2024*, 15-18 April, Dublin, Ireland. (under review)
2. **Sdoukopoulos E.**, Perra V.M., Boile M., Ziakas A. (2023) “Profiling the Greek coastal shipping network for identifying greening opportunities”, *11<sup>th</sup> International Congress on Transportation Research (ICTR)*, 20-22 September, Heraklion, Greece.
3. Perra V.M., **Sdoukopoulos E.**, Boile M. (2023) “Prospects of supporting cruise supply chain with local products through an e-marketplace in Greece”, *11<sup>th</sup> International Congress on Transportation Research (ICTR)*, 20-22 September, Heraklion, Greece.
4. Boile M., Theofanis S., **Sdoukopoulos E.**, Karagkouni K. (2023) “The environmental implications of seaports: a comprehensive literature review”, *11<sup>th</sup> International Congress on Transportation Research (ICTR)*, 20-22 September, Heraklion, Greece.
5. **Sdoukopoulos E.**, Boile M. (2023) “Setting-up an EU-based port-hinterland corridor value system: Structure and main reference basis”, *Proceedings of the 102<sup>nd</sup> Annual Meeting of the Transportation Research Board (TRB)*, 8-12 January, Washington D.C., U.S.A.
6. **Sdoukopoulos E.**, Boile M. (2021) “Port hinterland integration: Critical literature review and synthesis of the key factors driving dry port location determination“, *10<sup>th</sup> International Congress on Transportation Research (ICTR)*, 2-3 September, Rhodes, Greece.
7. **Sdoukopoulos E.**, Tsafonias G., Boile M. (2021) “The maritime innovation eco-system in Greece: development and dynamics”, *10<sup>th</sup> International Congress on Transportation Research (ICTR)*, 2-3 September, Rhodes, Greece.
8. **Sdoukopoulos E.**, Perra V.M., Boile M., Efthymiou L., Dekoulou E., Orphanidou Y. (2021) “Boosting local economies at cruise destinations in Greece and Cyprus: A digital tool for integrating local products into cruise supply chains”, *10<sup>th</sup> International Congress on Transportation Research (ICTR)*, 2-3 September, Rhodes, Greece.
9. Karagiannis K., Derpani K., Papadimitriou S., Papaioannou G., Kollia S., **Sdoukopoulos E.**, Genitsaris E. (2021) “Investigation of the operation of the short sea shipping network in the Aegean region”, *10<sup>th</sup> International Congress on Transportation Research (ICTR)*, 2-3 September, Rhodes, Greece.

10. **Sdoukopoulos E.**, Anastasiadis N., Tromaras A., Boile M. (2019) “Port environmental sustainability: Best practice identification in Europe and the value of knowledge and experience-sharing”, *9<sup>th</sup> International Congress on Transportation Research (ICTR)*, 24-25 October, Athens, Greece.
11. **Sdoukopoulos E.**, Tsafonias G., Perra V.M., Boile M. (2019) “The dynamics of the shipbuilding industry in the Mediterranean region: New skills and competences for supporting competitiveness via targeted educational and training programs”, *9<sup>th</sup> International Congress on Transportation Research (ICTR)*, 24-25 October, Athens, Greece.
12. Tromaras A., **Sdoukopoulos E.**, Aggelakakis A., Tsafonias G., Perra V.M., Mavropoulou E., Boile M. (2019) “Future technology directions in EU maritime transport”, *International Association of Maritime Economists (IAME) Annual Conference 2019*, 25-28 June, Athens, Greece.
13. **Sdoukopoulos E.**, Boile M. (2019) “Regulating airborne shipping emissions: current status, future outlook and insights on industry responses”, *Proceedings of the 98<sup>th</sup> Annual Meeting of the Transportation Research Board (TRB)*, 13-17 January, Washington D.C., U.S.A.
14. Theofanis S., Boile M., **Sdoukopoulos E.** (2018) “Key trends and developments in the European port sector: Main implications for the port labour industry”, *Transport Research Arena (TRA) Conference 2018*, 16-19 April, Vienna, Austria.
15. **Sdoukopoulos E.**, Galtzur A, Kose P., Boile M., Sheety E. (2017) “A Euro-Mediterranean research cooperation agenda supporting sustainable urban mobility in Mediterranean Partner Countries”, *8<sup>th</sup> International Congress on Transportation Research (ICTR)*, 27-29 September, Thessaloniki, Greece.
16. **Sdoukopoulos E.**, Kose P., Galtzur A., Mezghani M., Boile M., Sheety E., Mitropoulos L. (2016) “Assessment of urban mobility needs, gaps and priorities in Mediterranean Partner Countries”, *Transport Research Arena (TRA) Conference 2016*, 18–21 April, Warsaw, Poland. [Published in Transportation Research Procedia](#), Vol. 14, pp. 1211 - 1220, DOI:10.1016/j.trpro.2016.05.192.
17. Yerli G., Kose P., **Sdoukopoulos E.**, Gyergyay B., Chesterton V. (2015) “Identifying priorities and needs to adopt Sustainable Urban Mobility Plans in emerging economies – Experience from Turkey”, *International Symposium and Exhibition on Transportation Technologies (Transist 2015)*, 17–19 December, Istanbul, Turkey. [Published in conference proceedings](#), pp. 153 – 162.
18. **Sdoukopoulos E.**, Anagnostopoulou A., Boile M., Rikkou K., Theofanis S., Georgakopoulos C., Voulkas G., Pallis P., Todi T., Eliadis G. (2015) “Advanced cargo transport information services platform in Greece” (in Greek), *7<sup>th</sup> International Congress on Transportation Research (ICTR)*, 5–6 November, Athens, Greece.
19. Lah O., Shrestha S., Hüging H., Decker B., Gyergyay B., Marhold K., Mendez G., Boile M., **Sdoukopoulos E.**, Kressler F., Rizet C., Dablanc L. (2015) “Transferability of sustainable urban mobility solutions”, *CODATU 2015 Conference*, 2–5 February, Istanbul, Turkey. [Published in conference proceedings](#), pp. 79 – 96.
20. Anagnostopoulou A., Boile M., Theofanis S., **Sdoukopoulos E.**, Margaritis D. (2014) “Electric vehicle routing problem with industry constraints: Trends and insights for future research”, *17<sup>th</sup> Meeting of the EURO Working Group on Transportation (EWGT)*, 2–4 July, Seville, Spain. [Published in Transportation Research Procedia](#), Vol. 3, pp. 452 – 459, DOI: <https://doi.org/10.1016/j.trpro.2014.10.026>.

21. Boile M., Anagnostopoulou A., **Sdoukopoulos E.**, Papapanagiotakis G. (2014) “Public transport emissions monitoring”, *2<sup>nd</sup> Conference on Sustainable Urban Mobility (CSUM)*, 5–6 May, Volos, Greece. [Published in](#) conference proceedings, pp. 111 – 116.
22. Boile M., **Sdoukopoulos E.**, Anagnostopoulou A. (2014) “Evaluating strategies to improve access to marine container terminals and streamline gate operations”, *Transport Research Arena (TRA) Conference 2014*, 14-17 April, Paris, France.
23. Boile M., Theofanis S., **Sdoukopoulos E.**, Moini N., Margaritis D. (2013) “Assessing the impacts of a marine container terminal gate appointment system using simulation” (in Greek), *6<sup>th</sup> International Conference on Transport Research (ICTR)*, 18 October, Thessaloniki, Greece.
24. Sdoukopoulos A., Pitsiava – Latinopoulou M., **Sdoukopoulos E.**, Gavanas N. (2013) “Comparative analysis of the perceived pedestrian level of service with the results of a recent model for the estimation of the pedestrian LOS” (in Greek), *6<sup>th</sup> International Conference on Transport Research (ICTR)*, 18 October, Thessaloniki, Greece.
25. Boile M., Theofanis S., Golias M., Dougherty P., **Sdoukopoulos E.** (2013) “Gate strategies’ impact on marine container terminal access networks”, *13<sup>th</sup> World Conference on Transport Research (WCTR)*, 15-18 July, Rio de Janeiro, Brazil.
26. Boile M., Theofanis S., Mann H., Betak J., **Sdoukopoulos E.** (2013) “Freight facility location analysis to support port related activity – economic and transportation drivers and factors affecting site selection”, *International Association of Maritime Economists (IAME) Annual Conference 2013*, 3–5 July, Marseille, France.
27. Boile M., Morrall T., Roland F., **Sdoukopoulos E.** (2012) “Technology gaps and research priorities to support the EU maritime transport policy”, *Transport Research Arena (TRA) Conference 2012*, 23-26 April, Athens, Greece. [Published in](#) Procedia – Social and Behavioral Sciences, Vol. 48, pp. 2433-2443, DOI: <https://doi.org/10.1016/j.sbspro.2012.06.1214>.
28. Pitsiava-Latinopoulou M., Basbas S., Papoutsis K., **Sdoukopoulos E.** (2012) “Parking policies for supporting sustainable mobility”, *Transport Research Area (TRA) Conference 2012*, 23-26 April, Athens, Greece. [Published in](#) Procedia – Social and Behavioral Sciences, Vol. 48, pp. 897-906, DOI: <https://doi.org/10.1016/j.sbspro.2012.06.1067>.
29. **Sdoukopoulos E.**, Boile M., Gagatsi E. (2011) “European maritime transport policy and research priorities”, *International Association of Maritime Economists (IAME) Annual Conference 2011*, 25-28 October, Santiago, Chile.
30. **Sdoukopoulos E.** (2011) “Methodologies for assessing the pedestrian Level of Service: International experience and adjustment to the Greek walking environment – The case of Thessaloniki”, *ECTRI – FEHRL - FERSI Young Researchers Seminar 2011*, 7-10 June, Copenhagen, Denmark. [Published in](#) conference proceedings, pp. 574 – 590.
31. Pitsiava – Latinopoulou M., Christopoulou P., **Sdoukopoulos E.** (2010) “Methodologies for the estimation of pedestrian Level of Service: International experience and adjustment to Greek conditions” (in Greek), *5<sup>th</sup> International Conference on Transport Research (ICTR)*, 27-28 September, Volos, Greece.

#### Abstract review

1. **Sdoukopoulos E.**, Perra V.M., Boile M., Efthymiou L., Dekoulou E., Orphanidou Y. (2021) “The role of technology in improving the touristic experiences of cruise passengers: Business review

and a new solution for adding a ‘tasting’ experience”, *8<sup>th</sup> International Conference of the International Association of Cultural and Digital Tourism (IACuDIT) on Transcending Borders in Tourism through Innovation and Cultural Heritage*, 1 – 3 Sept, Hydra, Greece

2. **Sdoukopoulos E.**, Perra V.M., Boile M., Efthymiou L., Dekoulou E., Orphanidou Y. (2021) “Supporting economic sustainability of cruise destinations in Greece and Cyprus”, *8<sup>th</sup> International Conference on Energy, Sustainability and Climate Crisis (ESCC)*, 30 Aug – 1 Sept, Volos, Greece
3. Orphanidou Y., Efthymiou L., Dekoulou E., **Sdoukopoulos E.** & Perra V.M. (2021) “Sustainable restart of the cruise industry includes local producers in the supply chain”, *4<sup>th</sup> International Scientific Conference “Restarting tourism, travel and hospitality: The day after” (TOURMAN 2021)*, 23-25 May, Online.
4. **Sdoukopoulos E.**, Tsafonias G., Boile M., Kraskovic C. & Guty R. (2020) “Supporting Maritime Innovation Ecosystems in the Mediterranean Region”, *4<sup>th</sup> SmartBlueCity Euro-Mediterranean Conference*, 9-10 October, Athens, Greece.
5. Anagnostopoulou A., Boile M., **Sdoukopoulos E.**, Theofanis S., Pallis P., Georgakopoulos C., Voulkas G., Rikkou K., Eliadis G., Todi T. (2016) “Advanced Cargo Information Services – The ACTIS platform”, *3<sup>rd</sup> Technology Forum*, 18 May, Thessaloniki, Greece.
6. Galtzur A., Boile M., **Sdoukopoulos E.**, Sheety E., Mezghani M., Kose P., Chesterton V., Lah O. (2015) “Assessment of urban mobility needs, gaps and priorities in Mediterranean partner countries: main findings and the methodology implemented in Israel”, *2015 Annual POLIS Conference*, 19–20 November, Brussels, Belgium.
7. **Sdoukopoulos E.**, Anagnostopoulou A., Theofanis S., Pallis P., Boile M., Georgakopoulos C., Rikkou K. (2015) “Freight exchange platforms: State-of-the-art review and a novel case for the Greek market”, *1<sup>st</sup> International Transport Conference & 15<sup>th</sup> Special Conference of the Hellenic Operational Research Society*, 15–16 October, Alexandroupoli, Greece.
8. Anagnostopoulou A., **Sdoukopoulos E.**, Boile M., Theofanis S., Margaritis D. (2015) “Combinatorial auctions in freight logistics: state-of-the-art”, *4<sup>th</sup> Meeting of the EURO Working Group on Vehicle Routing and Logistics Optimization (VeRoLog)*, 8–10 June, Vienna, Austria.
9. **Sdoukopoulos E.**, Boile M., Anagnostopoulou A. (2014) “Sustainable freight strategies for port cities”, *3<sup>rd</sup> International Symposium & 25<sup>th</sup> National Conference on Operational Research*, 26 – 28 June, Volos, Greece.
10. Anagnostopoulou A., Boile M., **Sdoukopoulos E.** (2014) “Sustainable energy: New challenges for urban distribution”, *3<sup>rd</sup> International Symposium & 25<sup>th</sup> National Conference on Operational Research*, 26–28 June, Volos, Greece.
11. Anagnostopoulou A., Boile M., Theofanis S., **Sdoukopoulos E.**, Margaritis D. (2014) “The electric vehicle routing problem with time windows: recent trends and insights for future research”, *3<sup>rd</sup> Meeting of the EURO Working Group on Vehicle Routing and Logistics Optimization (VeRoLog)*, 22–25 June, Oslo, Norway.
12. Boile M., Theofanis S., **Sdoukopoulos E.**, Anagnostopoulou A. (2013) “Urban Logistics Strategies for the Energy Efficient Distribution of Fresh Products”, *5<sup>th</sup> METRANS International Urban Freight Conference*, 8–10 October, Long Beach, California, U.S.A.

13. Theofanis S., Boile M., **Sdoukopoulos E.**, Anagnostopoulou A. (2013) “Port Regionalization and Empty Container Management – An Application in the Balkan Region”, 5<sup>th</sup> METTRANS International Urban Freight Conference, 8–10 October, Long Beach, California, U.S.A.

#### ARTICLES & OTHER PUBLICATIONS

1. Genitsaris E., Derpani K., Karagiannis K., Kollia S., Papadimitriou E., Papaioannou G., **Sdoukopoulos E.** (2021) “HITE’s positions on Sustainable Maritime Transport in Greece” (in Greek).
2. **Sdoukopoulos E.**, Perra V-M., Boile M. (2021) “Exploitation of maritime information for the interoperability of cruise supply chains and services – The NAUS research project” (in Greek), *Supply Chain and Logistics Magazine*, Vol. 117, pp. 76-77.
3. Afanasyev A., Chantzi G., Hajiyev S., Kalognomos S., **Sdoukopoulos E.** (2020). Black Sea Synergy: the way forward. *Policy Paper*.
4. **Sdoukopoulos E.**, Tromaras A., Boile M. (2020) “Transnational Cooperation Network of Sustainable Ports in the Adriatic – Ionian Region” (in Greek), *Supply Chain and Logistics Magazine*, Vol. 108, pp. 68-69.
5. **Sdoukopoulos E.**, Perra V-M., Tsafonias G., Boile M. (2019) “MATES – Maritime Alliance for fostering the European Blue Economy through a Marine Technology Skilling Strategy”, *Supply Chain and Logistics Magazine*, Vol. 102, pp. 68-69.
6. **Sdoukopoulos E.**, Boile M., Anastasiadis N. (2018) “Sustainable and low carbon ports in the Adriatic – Ionian region” (in Greek), *Supply Chain and Logistics Magazine*, Vol. 98, pp. 90-91.
7. **Sdoukopoulos E.** (2017) “European Motorways of the Sea: Structure, evolution and outlook” (in Greek), *Researchers Tribune*, Jean Monnet European Centre of Excellence, National and Kapodistrian University of Athens.
8. **Sdoukopoulos E.** (2017) “The cruise sector in Greece: Current situation and opportunities for growth” (in Greek), *Researchers Tribune*, Jean Monnet European Centre of Excellence, National and Kapodistrian University of Athens.
9. **Sdoukopoulos E.**, Theofanis S., Boile M. (2016) “Development of Energy Management Plans for Green and Energy Efficient Ports” (in Greek), *Supply Chain and Logistics Magazine*, Vol. 82, pp. 32-33.
10. **Sdoukopoulos E.**, Kose P., Gal-Tzur A., Mezghani M., Chesterton V., Boile M., Sheety E. (2016) “Urban mobility needs, policy barriers and uptake of sustainable solutions in Mediterranean partner countries”, *SOLUTIONS in the Mediterranean regional publication*, SOLUTIONS project.
11. Katsochis D., **Sdoukopoulos E.**, Aggelakakis A., Genitsaris E., Derpani K., Eumorfopoulos A., Papoutsis K., Chouchoulas I. (2015) HITE’s positions on Law 4302/2014 “Regulation of logistic issues” (in Greek), Thematic Committee on Freight Transport & Logistics – Hellenic Institute of Transportation Engineers.




## PRESENTATIONS

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1. **Sdoukopoulos E.** (2023) “Ports as energy and innovation hubs”, Invited presentation at the 3<sup>rd</sup> Scientific Conference on “Governance, Organization and Development of Ports”, March 30<sup>th</sup>, Elefsina, Greece.
2. **Sdoukopoulos E.**, Gaillarde G. (2022) “New sustainable fuel deployment scenarios for the European waterborne community: the NEEDS project approach”, Invited presentation at the EUShippingBCE Conference, September 19<sup>th</sup>, Athens, Greece.
3. **Sdoukopoulos E.** (2021) “Facts and Figures from the MATES Skills Strategy for the Maritime Technologies”, Keynote speech at the ‘EUSAIR Investment in Skills and Education: Which Roadmap for a more Sustainable Blue Economy in the Adriatic – Ionian Region?’ workshop, July 9<sup>th</sup>, Online Event.
4. **Sdoukopoulos E.** (2020) “Building a Marine Technology Skilling Strategy – the MATES project approach and achieved results”, 1<sup>st</sup> Annual Dissemination / Technical Workshop of the Sea of Experiences project, October 21<sup>st</sup>, Online Event.
5. **Sdoukopoulos E.**, Boile M. (2020) “Enhancing energy management and efficiency in ports: A review of key policies, technologies and operational solutions”, Meeting of the TRB Standing Committee on “Ports and Channels” (AW010), January 15<sup>th</sup>, Washington D.C., U.S.A.
6. **Sdoukopoulos E.** (2019) “MATES – Maritime Alliance for fostering the European Blue Economy through a Marine Technology Skilling Strategy”, General Assembly of the Balkan & Black Sea Commission of the Conference of Peripheral Maritime Regions, April 12<sup>th</sup>, Tulcea, Romania.
7. **Sdoukopoulos E.** (2019) “Impacts of the upcoming 2020 IMO bunker regulations in international trade”, Meeting of the TRB Standing Committee on “International Trade and Transportation” (AT020), January 14<sup>th</sup>, Washington D.C., U.S.A.
8. **Sdoukopoulos E.** (2017) “Energy efficiency in ports”, Energy Efficiency Conference 2017, September 29<sup>th</sup>, Athens, Greece.
9. **Sdoukopoulos E.**, Boile M. (2014) “An energy strategy for ports – A plan within the GREENBERTH framework”, International Congress on Energy and the Environment, October 22<sup>nd</sup>, Opatija, Croatia.

## CITATIONS

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 Google Scholar	467 citations (h-index: 10)
 ResearchGate	321 citations (h-index: 8)
 Web of Science™	171 citations (h-index: 7)

## REFeree SERVICE

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### Articles in scientific journals

◆ Applied Sciences

◆ Ocean & Coastal Management

- ◆ Case Studies in Transport Policy
- ◆ Discover Ocean
- ◆ Discrete Dynamics in Nature and Society
- ◆ Energies
- ◆ Future Transportation
- ◆ IEEE Access
- ◆ International Journal of Applied Power Engineering
- ◆ Journal of Marine Science and Engineering
- ◆ Mathematics
- ◆ Research in Transportation Business & Management
- ◆ Sensors
- ◆ Smart Cities
- ◆ Sustainability
- ◆ Tourism Review
- ◆ Transport Problems
- ◆ Transportation Research Record: Journal of the Transportation Research Board
- ◆ Water

#### Articles in scientific conferences

- ◆ Transport Research Arena (TRA) Conference 2024 [Dublin, Ireland]
- ◆ Transportation Research Board (TRB) Annual Meeting 2023 [Washington DC, USA] – For Standing Committees on International Trade and Transportation (AT020), Intermodal Freight Transport (AT045), and Ports and Channels (AW010)
- ◆ Transport Research Arena (TRA) Conference 2022 [Lisbon, Portugal]
- ◆ Transportation Research Board (TRB) Annual Meeting 2022 [Washington DC, USA] – For Standing Committees on International Trade and Transportation (AT020), Intermodal Freight Transport (AT045), and Marine Environment (AW030)
- ◆ 10<sup>th</sup> International Congress on Transportation Research (ICTR) [Rhodes, Greece]
- ◆ Transportation Research Board (TRB) Annual Meeting 2021 [Washington DC, USA] – For Standing Committees on International Trade and Transportation (AT020) and Marine Environment (AW030)
- ◆ Transportation Research Board (TRB) Annual Meeting 2020 [Washington DC, USA] – For Standing Committees on International Trade and Transportation (AT020), Ports and Channels (AW010) and Marine Environment (AW030)
- ◆ Transport Research Arena (TRA) Conference 2020 [Cancelled due to Covid-19]
- ◆ International Maritime Association of the Mediterranean (IMAM) Annual Congress 2019 [Varna, Bulgaria]
- ◆ Transportation Research Board (TRB) Annual Meeting 2019 [Washington DC, USA] – For Standing Committees on International Trade and Transportation (AT020), Ports and Channels (AW010) and Marine Environment (AW030)
- ◆ 4<sup>th</sup> International Conference on Maritime Technology and Engineering (MARTECH) [Lisbon, Portugal]
- ◆ Transport Research Arena (TRA) Conference 2018 [Vienna, Austria]
- ◆ Transportation Research Board (TRB) Annual Meeting 2018 [Washington DC, USA] – For Standing Committees on International Trade and Transportation (AT020), Intermodal Freight Transport (AT045) and Marine Environment (AW030)
- ◆ 8<sup>th</sup> International Congress on Transportation Research (ICTR) [Thessaloniki, Greece]

#### Articles in scientific magazines

- ◆ TR News

## Business plans

- ◆ FAROS Blue Economy Accelerator
- ◆ Cyprus Startup Visa Scheme (Deputy Ministry of Research, Innovation and Digital Policy)

## HONORS & AWARDS



**Certificate of Appreciation** (January 2022) in recognition for creative support, developing and ongoing maintenance of the Committee's Website, Standing Committee on Marine Environment of the Transportation Research Board of the U.S. National Academies of Sciences, Engineering and Medicine.



**Certificate of Appreciation** (January 2020) for dedicated service in 2019 as Communications Coordinator of the Standing Committee on Marine Environment of the Transportation Research Board of the U.S. National Academies of Sciences, Engineering and Medicine.



**Fulbright Doctoral Dissertation Visiting Research Student Scholarship** - Department of Civil Engineering, Herff College of Engineering University of Memphis (Tennessee). *Supervisor: Prof. Mihalis Golias.*



**Fellowship** for the 'European Maritime Policy' Researchers Seminar, organized by the Jean Monnet European Centre of Excellence of the National and Kapodistrian University of Athens (May – June 2017).



**Fellowship** for the 'Modern trends of tourism in the European Union and Greece' Researchers Seminar, organized by the Jean Monnet European Centre of Excellence of the National and Kapodistrian University of Athens (October – November 2016).



**Award of Excellence** for ranking 1st in my class (2008-2009) for the MSc Programme "Planning, Organization and Management of Transport Systems", offered by the Faculty of Engineering, Departments of Civil and Rural & Surveying Engineering, Aristotle University of Thessaloniki (A.U.Th.), Greece.

## COURSES - TRAINING

- Researchers Seminar on '**European Maritime Policy**' organized by the Jean Monnet European Centre of Excellence of the National and Kapodistrian University of Athens [Athens, Greece] May 2017 - June 2017
- Researchers Seminar on '**Modern Trends of Tourism in the European Union and Greece**' organized by the Jean Monnet European Centre of Excellence of the National and Kapodistrian University of Athens [Athens, Greece] Oct 2016 - Nov 2016

- Course on '**Port Economics and Business**' organized by TransportNET – The University Network for Transport Education & Research [Antwerp, Belgium] 4-8 May 2015
- '**Vision, VISUM and VISSIM Basic Training**' course organized by the developer PTV [Thessaloniki, Greece] 27-28 Jan 2011
- Participation in the '**A.U.Th. Student practice - School of Rural and Surveying Engineering**' training program (code 81047). My training took place in the technical company 'Polyedron – A. Tsitsiplamis & Associates L.P.' and concerned land surveys (topographic mapping) through the use of total stations and design of survey maps through the use of special software packages (AutoCAD). Oct 2006  
- Nov 2006  
&  
Oct 2005  
- Nov 2005

## **COMMITTEE MEMBERSHIP**

- **Observatory Working Group** of the Pact for Skills for the Offshore Renewable Energy Sector in Europe Chair July 2021  
- Present
- Thematic Committee on **Maritime Transport** of the Hellenic Institute of Transportation Engineers Member Dec 2020  
- Present
- Subcommittee on **Port Digitalization** of the Transportation Research Board (AW010[2]) Member Aug 2019  
- Present
- Standing Committee on **Marine Environment** of the Transportation Research Board (AW030) Communications Coordinator Apr 2019  
- Present
- Standing Committee on **International Trade and Transportation** of the Transportation Research Board (AT020) Member Nov 2018  
- Present
- Subcommittee on **Port Performance** of the Transportation Research Board (AW010[3]) Member Oct 2017  
- Present
- Standing Committee on **Port Issues and Projects** of the Technical Chamber of Greece – Regional Department of Magnesia Member Oct 2017  
- Present
- Researchers Team of the **European Tourism Unit** – (part of the Jean Monnet European Centre of Excellence of the National and Kapodistrian University of Athens) Member July 2017  
- Present
- **Scientific Committee** of the 10<sup>th</sup> International Congress on Transportation Research (ICTR) Member Jan - Sept 2021
- Thematic Committee on **Maritime Transport** of the Hellenic Institute of Transportation Engineers Chair Nov 2017  
- Nov 2020
- Thematic Committee on **Freight Transport and Logistics** of the Hellenic Institute of Transportation Engineers Secretary July 2014  
- Nov 2020
- Thematic Committee on **Education and Training** of the Hellenic Institute of Transportation Engineers Member July 2014  
- Oct 2017

- **Organizing Committee** of the 7<sup>th</sup> International Congress on Transportation Research (ICTR) Member Sept 2014 - Nov 2015
- **Working Group for the development of the ISO International Workshop Agreement 16** ‘International harmonized method(s) for a coherent quantification of CO<sub>2</sub>e emissions of freight transport’ Member Sept 2014 - Feb 2015
- **Organizing Committee for the ESPON on-the-road workshops** on (a) ‘Integrated development through land-sea interaction: dimensions and perspectives of blue growth in Europe and in Greece’, and (b) ‘Blue growth for boosting jobs and youth entrepreneurship: Employment opportunities, innovation and the contribution of start-ups’ Member June 2014 - Nov 2014

## MEMBERSHIP IN ASSOCIATIONS

- International Alumni Network of the U.S. Department of State – Bureau of Educational and Cultural Affairs 2019 - Present
- International Association of Maritime Economists 2019 - Present
- Association of Fulbright Scholars 2018 - Present
- Shipping and Trade Alliance for Research 2017 – Present
- Hellenic Institute of Transportation Engineers 2011 – Present
- Hellenic Association of Rural and Surveying Engineers 2008 – Present
- Technical Chamber of Greece 2008 – Present

## EVENT PARTICIPATION

- **11<sup>th</sup> International Conference on Transportation Research (ICTR)** organized by the Hellenic Institute of Transport (HIT) and the Hellenic Institute of Transportation Engineers (HITE) [*Heraklion, Greece*] Speaker 20-22 Sept 2023
- **3rd Scientific Conference on ‘Governance, Organization & Development of Ports’** organized by the Elefsis Port Authority and the University of West Attica [*Elefsina, Greece*] Speaker 30 Mar 2023
- **Matchmaking event of Blue Growth stakeholders**, organized by the BLUEAIR research project [*Piraeus, Greece*] Participant 25 Jan 2023
- **EUShipping BCE Conference**, organized by ETA-Florence Renewable Energies [*Athens, Greece*] Invited speaker 19-21 Sept 2022
- **8<sup>th</sup> International Physical Internet Conference**, organized by ALICE Technology Platform and the Institute of Communication and Computer Systems of the National Technical University of Athens [*Online*] Participant 13 June 2021

- Webinar on ‘Port Advancements in the Balkan and Black Sea Region’** organized by Balkan and Black Sea Commission of the Conference of Peripheral Maritime Regions (CPMR), the Hellenic Institute of Transport (HIT) and the International Center for Black Sea Studies (ICBSS) *[Online]* Moderator 23 Mar 2021
- Transportation Research Board (TRB) 100th Annual Meeting**, organized by the U.S. National Academy of Sciences, Engineering and Medicine *[Online]* Lectern Session<sup>1</sup> Presiding Officer 5-15 & 21-29 Jan 2021
- Webinar on ‘Transport in the Balkan and Black Sea Region’** organized by Balkan and Black Sea Commission of the Conference of Peripheral Maritime Regions (CPMR), the Hellenic Institute of Transport (HIT) and the International Center for Black Sea Studies (ICBSS) *[Online]* Moderator 19 Nov 2020
- 5<sup>th</sup> International Conference on Maritime Technology and Engineering (MARTECH)** organized by Instituto Superior Técnico and Ordem dos Engenheiros *[Online]* Speaker 16-19 Nov 2020
- Transportation Research Board (TRB) 99th Annual Meeting**, organized by the U.S. National Academy of Sciences, Engineering and Medicine *[Washington DC, U.S.A.]* Participant 12-16 Jan 2020
- Regional Stakeholders Conference on ‘Black Sea Synergy: the way forward’** organized by the International Centre for Black Sea Studies (ICBSS) *[Athens, Greece]* Transport WG Moderator 7 Nov 2019
- 9th International Congress on Transportation Research (ICTR)** organized by the Hellenic Institute of Transport (HIT) and the Hellenic Institute of Transportation Engineers (HITE) *[Athens, Greece]* Speaker 24-25 Oct 2019
- 18th Congress of the International Maritime Association of the Mediterranean (IMAM)** organized by the Technical University of Varna *[Varna, Bulgaria]* Speaker & Session Chair 09-11 Sept 2019
- 27th Annual Conference of the International Association of Maritime Economists (IAME)** organized by the Athens University of Economics and Business *[Athens, Greece]* Speaker & Session Chair 25-28 June 2019
- Fulbright Enrichment Seminar on ‘Leveraging Diversity, Entrepreneurship, and Innovation for Economic Growth’**, organized by the Fulbright Foundation *[Atlanta, U.S.A.]* Participant 24-27 Jan 2019
- Transportation Research Board (TRB) 98th Annual Meeting**, organized by the U.S. National Academy of Sciences, Engineering and Medicine *[Washington DC, U.S.A.]* Speaker 13-17 Jan 2019
- 4th International Conference on Maritime Technology and Engineering (MARTECH)** organized by Instituto Superior Técnico and Ordem dos Engenheiros *[Lisbon, Portugal]* Speaker 7-9 May 2018

<sup>1</sup> On ‘Decarbonization Challenges and Opportunities in Marine Transportation’

- **3<sup>rd</sup> International Conference on Ports, Maritime Transport and Insularity**, organized by the Aegean Energy and Environment Agency and the Network of Sustainable Greek Islands DAFNI [*Piraeus, Greece*]
 Participant      19-20 April  
2018
  
- **Workshop on ‘Air quality (emissions) measurement in Ports’**, organized by the POSEIDON MED II project [*Piraeus, Greece*]
 Participant      16 Feb 2018
  
- **Transportation Research Board (TRB) 97th Annual Meeting**, organized by the U.S. National Academy of Sciences, Engineering and Medicine [*Washington DC, U.S.A.*]
 Participant      7-11 Jan  
2018
  
- **Workshop on ‘Blue Growth: A European Maritime Policy for Greece’** organized by the Jean Monnet European Centre of Excellence of the National and Kapodistrian University of Athens & the European Public Law Organization [*Athens, Greece*]
 Participant      7 June 2017
  
- **Workshop on ‘Mapping of Maritime Business Activities in the region of Piraeus’**, organized by the Piraeus Chamber of Commerce and Industry [*Piraeus, Greece*]
 Participant      26 May 2017
  
- **Workshop on ‘New technologies & Tourism’** organized by the Jean Monnet European Centre of Excellence of the National and Kapodistrian University of Athens & the European Public Law Organization [*Athens, Greece*]
 Participant      20 Mar 2017
  
- **Workshop on ‘Management of Business Risks and Crises in Tourism’** organized by the European Tourism Unit of the Jean Monnet European Centre of Excellence of the National and Kapodistrian University of Athens [*Athens, Greece*]
 Participant      14 Nov 2016
  
- **Workshop on ‘Motorways of the Sea and Ports – TEN-T projects’** organized by the Greek Ministry of Shipping and Insular Policy [*Piraeus, Greece*]
 Participant      11 Nov 2016
  
- **Transport Research Arena (TRA) 2016 Conference**, co-organized by the European Commission [*Warsaw, Poland*]
 Speaker            18-21 Apr  
2016
  
- **1<sup>st</sup> International Conference ‘Ports, Maritime Transport and Insularity’**, organized by the Aegean Environmental and Energy Agency and the Hellenic Institute of Transport (HIT) [*Piraeus, Greece*]
 Participant      10-11 Mar  
2016
  
- **7<sup>th</sup> International Conference on Transportation Research (ICTR)** organized by the Hellenic Institute of Transport (HIT) and the Hellenic Institute of Transportation Engineers (HITE) [*Athens, Greece*]
 Speaker            5-6 Nov  
2015
  
- **Conference on ‘Ports and Coasts as Gateways to Maritime Growth’**, organized within the context of the European Maritime Day 2015 [*Piraeus, Greece*]
 Participant      27-28 May  
2015
  
- **12<sup>th</sup> European Sea Ports Organization (ESPO) Conference** [*Athens, Greece*]
 Panelist          21-22 May  
2015

- Seminar on ‘Safety and security systems: cost or benefit for the shipping sector and the economy?’** organized by the University of Piraeus [*Piraeus, Greece*] Participant 20 May 2014
  
- Global Expert Group Meeting on ‘Fostering Sustainable Urban Mobility Solutions’**, organized by UN-HABITAT and the SOLUTIONS project [*Barcelona, Spain*] Session moderator 24-25 Apr 2014
  
- Transport Research Arena (TRA) 2014 Conference**, co-organized by the European Commission [*Paris, France*] Speaker & Session panelist 14-17 Apr 2014
  
- Workshop on ‘Green Ports – Piraeus’** organized by the Scientific Committee of ECOCITY [*Piraeus, Greece*] Participant 27 Nov 2013
  
- Workshop on ‘Development opportunities for road transport in Greece’** organized by the National Union of Road Transport Operators [*Athens, Greece*] Participant 11 Nov 2013
  
- 6th Congress on Transport Research in Greece (ICTR)**, organized by the Hellenic Institute of Transport (HIT) and the Hellenic Institute of Transportation Engineers (HITE) [*Thessaloniki, Greece*] Speaker 17-18 Oct 2013
  
- Workshop on Freight and Logistics**, organized by the homonymous Thematic Group of the European Conference of Transport Research Institutes (ECTRI) [*Paris, France*] Speaker 09-10 Sept 2013
  
- Workshop on ‘How can the Greek road transport sector contribute towards the development of the national economy’**, organized by the National Union of Road Transport Operators [*Athens, Greece*] Co-speaker 27 June 2013
  
- International conference on ‘Key Developments in the Port and Maritime Sector’**, organized by the Special Interest Group 2 (Ports and Maritime) of the World Conference on Transport Research Society (WCTRS) [*Antwerp, Belgium*] Speaker 21-22 May 2012
  
- Transport Research Arena (TRA) 2012 Conference**, co-organized by the European Commission [*Athens, Greece*] Speaker 23-26 Apr 2012
  
- Global Supply Chain Security Conference**, organized by the Centre for Transport Studies (PoRTEC) and the companies G4S and SEAMLESS [*London, UK*] Speaker 7-8 June 2011
  
- Young Researchers Seminar 2011**, organized by the European Conference of Transport Research Institutes (ECTRI), the National Road Research Centres in Partnership (FEHRL) and the Forum of European Research Safety Institutes (FERSI) [*Copenhagen, Denmark*] Speaker 8-10 June 2011
  
- Scientific conferences of the 3<sup>rd</sup> International Exhibition of Supply Chain & Logistics**, organized by O.Mind Creatives [*Athens, Greece*] Participant 25-28 Feb 2011

- **5<sup>th</sup> International Conference on Transport Research in Greece (ICTR)**, organized by the Hellenic Institute of Transport (HIT) and the Hellenic Institute of Transportation Engineers (HITE) [Volos, Greece]
Speaker
27-28 Sept  
2010
  
- **Educational seminar on ‘Organization and management of air transport and airports’**, organized by the AUTH’s MSc Programme ‘Planning, Organization and Management of Transport Systems’ [Thessaloniki, Greece]
Participant
18 May 2009
  
- **ShLOW Camp**, organized by the European Transport Safety Council (ETSC) [Brussels, Belgium]
Participant
3-9 May  
2009
  
- **Educational seminar on ‘Freight Transport and Logistics’**, organized by the AUTH’s MSc Programme ‘Planning, Organization and Management of Transport Systems’ [Thessaloniki, Greece]
Participant
16 Feb 2009
  
- **Seminar on ‘Accessibility of the city and the university. The case of Thessaloniki’**, organized by the Aristotle University of Thessaloniki – Department of Civil Engineering [Thessaloniki, Greece]
Participant
11 Nov 2008
  
- **18<sup>th</sup> Hellenic Meeting of ArcGIS users**, organized by Marathon Data Systems [Thessaloniki, Greece]
Participant
5-7 Nov  
2008

## LANGUAGE SKILLS



Native



Certificate of Proficiency in English – University of Michigan



Diplome d’etudes en langue francaise I em degre (DEL F I, A1-A4)

## IT / COMPUTER SKILLS

### General software packages

- Microsoft Windows
- Microsoft Office (Word, Excel, PowerPoint, Project)

### Special software packages

- MATLAB (Fuzzy Logic)
- Vensim
- SuperDecisions
- AutoCAD

## **HOBBIES**

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 Tennis

 Travelling

 Photography