

ΠΡΟΣΩΠΙΚΕΣ ΠΛΗΡΟΦΟΡΙΕΣ

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ΕΚΠΑΙΔΕΥΣΗ ΚΑΙ ΚΑΤΑΡΤΙΣΗ

2008-2011 **Διδακτορικό Δίπλωμα**

Πανεπιστήμιο της Χαβάης, Μανόα, Ηνωμένες Πολιτείες Αμερικής
Τμήματος Πολιτικών Μηχανικών και Μηχανικών Περιβάλλοντος
University of Hawaii, Manoa (USA)

- Θέμα διδακτορικής διατριβής: Πλαίσιο βιωσιμότητας για αστικά μέσα μεταφοράς και διερευνητικές εφαρμογές (Sustainability framework for urban transportation modes and exploratory applications)

2005-2006 **Master of Science in Transport**

Μεταπτυχιακό Δίπλωμα Ειδίκευσης
University of London, (Ηνωμένο Βασίλειο)
Imperial College of Science, Technology & Medicine & University College London
Τμήματος Πολιτικών Μηχανικών και Μηχανικών Περιβάλλοντος

- Θέμα διπλωματικής: “Ορισμός της ομοιομορφίας της οδού και η επίδραση της στην οδική ασφάλεια” (Defining highway uniformity and its effect on road safety)

2005-2006 **Diploma of Imperial College (DIC) in Transport**

Μεταπτυχιακό Δίπλωμα Ειδίκευσης
Imperial College of Science, Technology & Medicine
Τμήματος Πολιτικών Μηχανικών και Μηχανικών Περιβάλλοντος

- Θέμα διπλωματικής: “Ορισμός της ομοιομορφίας της οδού και η επίδραση της στην οδική ασφάλεια” (Defining highway uniformity and its effect on road safety)

2004-2005 **Master of Science in Civil Engineering**

Μεταπτυχιακό Δίπλωμα Ειδίκευσης
Πανεπιστήμιο του Brighton, (Ηνωμένο Βασίλειο)
Τμήματος Πολιτικών Μηχανικών και Μηχανικών Περιβάλλοντος

- Θέμα διπλωματικής: Αναπροσαρμογή γεφυρών με συστήματα σεισμικής απόσβεσης μικρής μεταλλαγής (Seismic retrofitting of bridges using a dissipative bracing system of low invasivity)

2001-2004 **Δίπλωμα Πολιτικού Μηχανικού (First Class Honors)**

Πτυχίο Πανεπιστημίου
Πανεπιστήμιο του Brighton, (Ηνωμένο Βασίλειο)
Τμήματος Πολιτικών Μηχανικών και Μηχανικών Περιβάλλοντος

- Τεχνολογία επεξεργασίας λυμάτων: Σύγχρονες μέθοδοι επεξεργασίας – διάθεσης

ΑΚΑΔΗΜΑΙΚΗ ΕΜΠΕΙΡΙΑ

Δεκ. 2019 – **Επιστημονικός συνεργάτης**

Ινστιτούτο Μεταφορών (IMET) στο Εθνικό Κέντρο Έρευνας και Τεχνολογικής Ανάπτυξης (ΕΚΕΤΑ)

Τομέας Β: Υποδομές και Δίκτυα, Βιώσιμη Κινητικότητα και Εμπορευματικές Μεταφορές
Εργαστήριο Β5: Οργάνωση – Εκμετάλλευση Σιδηροδρομικών Μεταφορών

- Έρευνα, συγγραφή προτάσεων και συμμετοχή σε Ευρωπαϊκά και Εθνικά Ερευνητικά Προγράμματα στις Μεταφορές

Μάιος 2019 –

Μετα-διδακτορικός ερευνητής

Εθνικό Μετσόβιο Πολυτεχνείο (ΕΜΠ)

Σχολή Αγρονόμων και Τοπογράφων Μηχανικών

- Έρευνα, συγγραφή άρθρων και προτάσεων και συμμετοχή σε Ευρωπαϊκά και Εθνικά Ερευνητικά Προγράμματα στις Μεταφορές και στις επιπτώσεις τους

Σεπτ. 2012 – Σεπτ. 2021

Research Affiliate

Πανεπιστήμιο της Χαβάης, Μανόα, Ηνωμένες Πολιτείες Αμερικής

Τμήμα Πολιτικών Μηχανικών και Μηχανικών Περιβάλλοντος

- Μέλος του Traffic and Transportation Laboratory
- Έρευνα και συγγραφή επιστημονικών άρθρων

Μαρ. 2016 – Μαρ.2018

Επιστημονικός συνεργάτης

Πανεπιστήμιο Θεσσαλίας

Τμήμα Πολιτικών Μηχανικών

- Έρευνα, συγγραφή προτάσεων και συμμετοχή σε Ευρωπαϊκά και Εθνικά Ερευνητικά Προγράμματα στις Μεταφορές

Σεπτ. 2013 – Φεβρ. 2016

Επιστημονικός συνεργάτης

Ινστιτούτο Μεταφορών (ΙΜΕΤ) στο Εθνικό Κέντρο Έρευνας και Τεχνολογικής Ανάπτυξης (ΕΚΕΤΑ)

- Έρευνα, συγγραφή προτάσεων και συμμετοχή σε Ευρωπαϊκά και Εθνικά Ερευνητικά Προγράμματα στις Μεταφορές

Ιαν. 2012 – Μάιος 2012

Μετα-διδακτορικός ερευνητής

Πανεπιστήμιο της Χαβάης, Μανόα, Ηνωμένες Πολιτείες Αμερικής

Τμήμα Πολιτικών Μηχανικών και Μηχανικών Περιβάλλοντος

- Αξιολόγηση κυκλοφοριακών μοντέλων - Διενέργεια ανεξάρτητης έρευνα, σύνθεση, συγκέντρωση δεδομένων

Ιαν. 2011 – Δεκ. 2011

Βοηθός καθηγητή

Πανεπιστήμιο της Χαβάης, Μανόα, Ηνωμένες Πολιτείες Αμερικής

Τμήμα Πολιτικών Μηχανικών και Μηχανικών Περιβάλλοντος

- Προετοιμασία διδακτικού υλικού, διδασκαλία

Ιαν. 2008 – Δεκ. 2011

Ερευνητής στον τομέα των μεταφορών

Πανεπιστήμιο της Χαβάης, Μανόα, Ηνωμένες Πολιτείες Αμερικής

Τμήμα Πολιτικών Μηχανικών και Μηχανικών Περιβάλλοντος

- Έρευνα, και συμμετοχή σε Ερευνητικά Προγράμματα στις Μεταφορές

ΕΠΑΓΓΕΛΜΑΤΙΚΗ ΕΜΠΕΙΡΙΑ

Μάιος 2010 – Αύγ. 2011

Citizen's Advisory Committee (CAC) for the Statewide Pedestrian Masterplan

Oahu Metropolitan Planning Organization, Ηνωμένες Πολιτείες Αμερικής

- Αξιολόγηση του οδικού δικτύου της Χαβάης για την ενίσχυση της κινητικότητας των πεζών και της προσβασιμότητας.
- Βελτίωση των μεταφορικών υποδομών βάση των προγραμμάτων αστικής κινητικότητας, για τη Χαβάη, χρησιμοποιώντας τα πρότυπα μεταφοράς HCM,

MUTCD, AASHTO.

ΔΙΔΑΚΤΙΚΗ ΕΜΠΕΙΡΙΑ

Εαρινό εξ. 2019-

Διδακτικό προσωπικό

Πανεπιστήμιο Δυτικής Αττικής

Τμήμα Πολιτικών Μηχανικών

- Σιδηροδρομική Τεχνική (8ο εξάμηνο) - Προπτυχιακό μάθημα (CE 844)- Αυτοδύναμη διδασκαλία

Χειμερινό εξ. 2019

Διδακτικό προσωπικό

Πανεπιστήμιο Δυτικής Αττικής

Τμήμα Πολιτικών Μηχανικών

- Σχεδιασμός Αεροδρομίων (9ο εξάμηνο) - Προπτυχιακό μάθημα (CE 924) - Αυτοδύναμη διδασκαλία

2010-2012

Βοηθός καθηγητή

Πανεπιστήμιο της Χαβάης, Μανόα, Ηνωμένες Πολιτείες Αμερικής

Τμήματος Πολιτικών Μηχανικών και Μηχανικών Περιβάλλοντος

- Βιωσιμότητα υποδομών - Sustainable infrastructure (Χειμερινό 2011)
- Στατική II (Εαρινό 2011)
- Συγκοινωνιακή τεχνική - Transportation engineering (Εαρινό 2010)

ΕΡΕΥΝΗΤΙΚΗ ΔΡΑΣΤΗΡΙΟΤΗΤΑ

- [1] **ZEPHYR** - Αστικές Συγκοινωνίες με Μηδενικούς Ρύπους: Μοντέλα Σχεδιασμού και Υποστήριξης Αποφάσεων. ΕΛ.ΙΔ.Ε.Κ. 2020-2022. Εθνικό Μετσόβιο Πολυτεχνείο.
- [2] **HYPERNEX** – Ignition of the European Hyperloop Ecosystem. HORIZON 2020 Shift2Rail Joint, HORIZON 2020 research and innovation programme. S2R-OC-IPX-01-2020: Innovation in guided transport (CSA). 2020-2022. Ινστιτούτο Μεταφορών.
- [3] **IP4MAAS** - Shift2Rail IP4 to support the deployment of Mobility as a Service. Shift2Rail Joint, HORIZON 2020 research and innovation programme, 2018-2021. Ινστιτούτο Μεταφορών.
- [4] **Assets4Rail** – Measuring, monitoring and data handling for railway assets; bridges, tunnels, tracks and safety systems. Shift2Rail Joint, HORIZON 2020 research and innovation programme, 2018-2021. Ινστιτούτο Μεταφορών.
- [5] **WareM&O** – Warehouse Match & Optimize. Αξιοποίηση & αναβάθμιση ανεκμετάλλεωτων αποθηκευτικών χώρων, με έμφαση τα μεγάλα αστικά κέντρα. MIS 5030210 / T1EΔK-04383. ΕΡΕΥΝΩ-ΔΗΜΙΟΥΡΓΩ-ΚΑΙΝΟΤΟΜΩ. 04/06/2018 - 03/06/2020. Ινστιτούτο Μεταφορών.
- [6] **RIDE2RAIL** – Travel Companion enhancements and RIDE-sharing services synchronised to RAIL and Public Transport. HORIZON 2020 Mobility for Growth, 2020-2023. Ινστιτούτο Μεταφορών.
- [7] **E-FERRY** – Prototype and full-scale demonstration of next generation 100% electrically powered ferry for passengers and vehicles. HORIZON 2020 Mobility for Growth, 2015-2020. Ινστιτούτο Μεταφορών.

- [8] **TCO4AEV** – A Total Cost of Ownership Model for Automated and Electric Vehicles. ESPA - Supporting researchers with emphasis on young researchers - Round B. 2020-2021. Εθνικό Μετσόβιο Πολυτεχνείο.
- [9] **SWAN** – a digital Solid Waste reuse platform for Balkan. Interreg INTERREG Balkan-Mediterranean 2014-2020. 2017-2020. Πανεπιστήμιο Αιγαίου.
- [10] **ALLIANCE** – Enhancing excellence and innovation capacity in sustainable transport interchanges, H2020-TWINN-2015, 1/1/2016-31/12/2018. Πανεπιστήμιο Θεσσαλίας.
- [11] **NOVELOG** – New Cooperative Business models and guidance for Sustainable Models and guidance for Sustainable City Logistics, European Commission, HORIZON 2020 Mobility for Growth, 2015-2018. Πανεπιστήμιο Θεσσαλίας.
- [12] **ΚΡΗΠΙΣ** – Διεπιστημονική συνεργασία στην περιοχή ενέργεια και περιβάλλον για την στρατηγική ανάπτυξη, διατήρηση της αριστείας και βελτίωση της ανταγωνιστικότητας του ΕΚΕΤΑ, μέσω της αξιολόγησης ερευνητικών αποτελεσμάτων. ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ ΚΑΙ ΘΡΗΣΚΕΥΜΑΤΩΝ, ΠΟΛΙΤΙΣΜΟΥ ΚΑΙ ΑΘΛΗΤΙΣΜΟΥ: ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ ΚΑΙ ΤΕΧΝΟΛΟΓΙΑΣ. 1/5/2013 – 31/12/2015. Ινστιτούτο Μεταφορών.
- [13] **SMILE** – Smart Green Innovative Urban Logistics for Energy Efficient Mediterranean Cities. Έξυπνες Καινοτόμες Δράσεις Διαχείρισης Αστικής Εφοδιαστικής για Πράσινες και Ενεργειακά Αποδοτικές Πόλεις στην Περιοχή της Μεσογείου. Πρόγραμμα Μεσογειακός Χώρος. 1/1/2013 - 30/6/2015. Ινστιτούτο Μεταφορών.
- [14] **Pre-Feasibility Study** of ro-ro vessels between Thessaloniki, Greece and Novorossiysk, Russia. 2014.
- [15] **SOLUTION** – Sharing Opportunities for Low carbon Urban TransportatiON. Εντοπισμός Ευκαιριών Κοινής Χρήσης για Αστικές Μεταφορές με Χαμηλό Ανθρακικό Αποτύπωμα. Ευρωπαϊκή Επιτροπή - 7ο Πρόγραμμα Πλαίσιο. 1/5/2013 - 29/4/2016. Ινστιτούτο Μεταφορών.
- [16] **FUTRE** – Future Prospects on Transport Evolution and Innovation Challenges for the Competitiveness of Europe. Ευρωπαϊκή Επιτροπή - 7ο Πρόγραμμα Πλαίσιο. 1/10/2012 - 30/9/2014. Ινστιτούτο Μεταφορών.
- [17] **TRI-VALUE** - Ex-post evaluation of Transport Research and Innovation in the FP7. Αξιολόγηση της Έρευνας και της Καινοτομίας του Ευρωπαϊκού Τομέα Μεταφορών. Ευρωπαϊκή Επιτροπή - 7ο Πρόγραμμα Πλαίσιο. 5/1/2013 - 5/1/2014. Ινστιτούτο Μεταφορών.
- [18] **TRAFFIC FORECASTING GUIDELINES**. Project funded by the Federal Highway Administration (FHWA) (80%) and the Highways Division, State of Hawaii DOT (20%). 1/05/2012 – 1/12/2014. Πανεπιστήμιο της Χαβάης, Μανόα.
- [19] **HAVO TRAFFIC AND PARKING: CURRENT ISSUES, FUTURE SOLUTIONS**. Hawaii Volcanoes National Park (HAVO), Department of the Interior, (100%). 1/08/2009 – 1/07/2010. Πανεπιστήμιο της Χαβάης, Μανόα.
- [20] **HIGHWAY TRAFFIC NOISE ANALYSIS AND ABATEMENT GUIDELINES**. Project funded by the Federal Highway Administration (FHWA) (80%) and the Highways Division, State of Hawaii DOT (20%). 1/10/2006 – 1/12/2011.

Πανεπιστήμιο της Χαβάης, Μανόα.

- [21] **An investigation of ASIM 29X, CANOGA, RTMS, SAS-1 AND SMART SENSOR FOR LTP, AVC (Automatic Vehicle Classification) AND RTTM (Real Time Traffic Management).** (Αξιολόγηση της αποτελεσματικότητας διαφορετικών αισθητήρων ανίχνευσης κυκλοφοριακών φόρτων για την αυτόματη αναγνώριση οχημάτων και διαχείρισης κυκλοφορίας σε πραγματικό χρόνο). Project funded by the Federal Highway Administration (FHWA) (80%) and the Highways Division, State of Hawaii DOT (20%). 1/11/2007 – 1/10/2009.

ΠΡΟΣΘΕΤΕΣ ΠΛΗΡΟΦΟΡΙΕΣ

Δημοσιεύσεις

- [1] Nikiforiadis, A., **L. Mitropoulos**, P. Kopelias, N. Stamatiadis, S. Mpasbas (2022). “Exploring Mobility Pattern Changes between Before, During and After COVID-19 Lockdown Periods for Young Adults”. *Cities*, 123, 103662. <https://doi.org/10.1016/j.cities.2022.103662>
- [2] Kortsari, A., **L. Mitropoulos**, T. Heinemann, H. Mikkelsen, G. Aifadopoulou, (2022). “Evaluating the Economic Performance of a Pure Electric and Diesel Vessel: The Case of E-ferry in Denmark”. *Transactions on Maritime Science*.
- [3] Tzouras, P., **L. Mitropoulos**, E. Stavropoulou, E. Antoniou, K. Kolliou, C. Karolemeas, A. Karaloulis, K. Mitropoulos, M. Tarousi, E. Vlahogianni, K. Kepaptsoglou (2022). “Agent-based Models for Simulating E-scooter Sharing Services: A Review and a Qualitative Assessment”. Forthcoming in *International Journal of Transportation Science and Technology*. doi: <https://doi.org/10.1016/j.ijtst.2022.02.001>
- [4] **Mitropoulos, L.**, A. Kortsari, G. Aifadopoulou (2021). “A Systematic Literature Review of Ride-sharing Platforms, User Factors and Barriers” *European Transport Research Review*, 13(1), pp. 1-22. doi: <https://doi.org/10.1186/s12544-021-00522-1>
- [5] **Mitropoulos, L.**, A. Kortsari, G. Aifadopoulou (2021). “Factors Affecting Drivers to Participate in a Carpooling to Public Transport Service”. *Sustainability*, 13(16):9129. doi: <https://doi.org/10.3390/su13169129>
- [6] **Mitropoulos, L.**, Kortsari A., Kolliatos, A., Aifadopoulou G. (2021). “The Hyperloop System and Stakeholders: A Review and Future Directions”. *Sustainability*, 13(15), 8430. doi: <https://doi.org/10.3390/su13158430>
- [7] Flarris, K., **L. Mitropoulos**, K. Kepaptsoglou, K. Kouretas, E. Vlahogianni (2021). “Analysis of Total Cost of Ownership for Conventional and Alternative Vehicle Technologies: Evidence from France”. *Advances in Transportation Studies: An International Journal*, 55, pp.153-166.
- [8] **Mitropoulos, L.**, A. Antypas, K. Kepaptsoglou (2021). “Transportation Planning for Ferry Services by using a Continuous Approximation Model: The Case of the Aegean Islands, Greece”. *Transportation Letters: The International Journal of Transportation Research*. doi: <https://doi.org/10.1080/19427867.2021.1901010>
- [9] Nathanail E., I. Karakikes, **L. Mitropoulos**, G. Adamos, (2021). “A Sustainability Cross-case Assessment of City Logistics Solutions”. *Case Studies on Transport Policy*, Vol. 9(1), pp. 219-240. doi: <https://doi.org/10.1016/j.cstp.2020.12.005>
- [10] Nathanail E., G. Adamos, **L. Mitropoulos**, I. Karakikes, I. Yatskiv, (2020). “How Efficiently Educational Programs Prepare Professionals to Meet

- Current and Future Challenges of Transport Interchanges”. *European Transport*, Issue 79(3), pp. 1-23.
- [11] **Mitropoulos, Lambros K.** and Pantelis Kopelias. (2019). “A Review and Comparison of Road Safety in Greece in Recent Years”. *European Transport*, Issue 71(2), pp. 1-18.
- [12] Nathanail E., **L. Mitropoulos**, I. Karakikes, G. Adamos. (2018). “Sustainability Framework for Assessing Urban Freight Transportation Measures”. *Logistics and Sustainable Transport*. Vol. 9(2), pp. 16-36. doi: <https://doi.org/10.2478/jlst-2018-0007>
- [13] Yatskiv, I., E. Nathanail, M. Savrasovs, G. Adamos, **L. Mitropoulos**. (2018). “Assessing Knowledge Level of Stakeholders on Transport Interchange Design and Operation”. *Transport Journal*, Vol. 33(3), pp. 793-800. doi: <https://doi.org/10.3846/transport.2018.5400>
- [14] **Mitropoulos, Lambros K.** and Panos D. Prevedouros. (2018). “A Conceptual Life Cycle based Sustainability Framework for Assessing Transportation Vehicles”. *World Review of Intermodal Transportation Research*, Vol. 7 (4), pp. 351-370. doi: 10.1504/WRITR.2018.10015201
- [15] Karakikes, I., W. Hofmann, **L. Mitropoulos**, M. Savrasovs. (2018). “Evaluation of Freight Measures by Integrating Simulation Tools: The Case of Volos Port, Greece”, *Transport and Telecommunication*, Vol. 19 (3), pp. 224-232. doi: 10.2478/ttj-2018-0019
- [16] **Mitropoulos, Lambros K.**, G. Adamos, E. Nathanail, I. Yatskiv, I. Kabashkin. (2017). “Building on European Scientific Excellence to Develop an Educational Program on Intermodal Connections for Latvia and the Region”. *Transport Journal*, Vol. 32(1), pp. 79-93. doi: <http://dx.doi.org/10.3846/16484142.2017.1280851>.
- [17] **Mitropoulos, Lambros K.** and Panos D. Prevedouros. (2016). “Incorporating Sustainability in Transportation Planning: An Urban Transportation Vehicle Based Approach”. *Transportation Planning and Technology*, Vol 39, (5), pp. 439-463. doi: <http://www.tandfonline.com/doi/full/10.1080/03081060.2016.1174363>.
- [18] **Mitropoulos, Lambros K.** and Panos D. Prevedouros. (2016). “Urban Transportation Vehicle Sustainability Assessment with a Comparative Study of Weighted Sum and Fuzzy Methods”. *Journal of Urban Planning and Development*. Vol. 142, (4). doi: [http://ascelibrary.org/doi/full/10.1061/\(ASCE\)UP.1943-5444.0000336](http://ascelibrary.org/doi/full/10.1061/(ASCE)UP.1943-5444.0000336).
- [19] **Mitropoulos, Lambros K.** and Panos D. Prevedouros. (2015). “Life Cycle Emissions and Cost Model for Urban Light Duty Vehicles”. *Transportation Research Part D: Transport and Environment*, Vol.41, pp. 147–159. doi: <http://dx.doi.org/10.1016/j.trd.2015.09.024>.
- [20] **Mitropoulos, Lambros K.** and Panos D. Prevedouros. (2014). “Multicriterion Sustainability Assessment in Transportation: Private Cars, Carsharing and Transit Buses”. *Transportation Research Record: Journal of the Transportation Research Board*, No. 2403, Transportation Research Board of the National Academies, Washington, D.C., pp. 52-61. doi: <http://dx.doi.org/10.3141/2403-07>.
- [21] **Mitropoulos, Lambros K.** and Panos D. Prevedouros. (2013). “Assessment of Sustainability for Transportation Vehicles”. *Transportation Research Record: Journal of the Transportation Research Board*, No. 2344, Transportation Research Board of the National Academies, Washington, D.C., pp. 88-97. doi: <http://dx.doi.org/10.3141/2344-10>.

Δημοσιεύσεις σε πρακτικά
συνεδρίων/παρουσιάσεις με
διαδικασία αξιολόγησης

- [1] **Mitropoulos L.**, K. Kouretas, K. Kepaptsoglou, E. Vlahogianni (2021). "A Total Cost of Ownership Model for Hybrid, and Electric Semi-Automated and Automated Vehicles: A Case Study for France". 101st Annual Meeting of Transportation Research Board, Washington D.C. January 9-13, 2022.
- [2] **Mitropoulos, L.**, A. Kortsari, G. Aifadopoulou, (2021). "Carpooling to Public Transport: Exploring Drivers' Characteristics and Factors". 10th ICTR conference "Future Mobility and Resilient Transport: Transition to Innovation", Rhodes Island Greece, 2-3 September 2021.
- [3] Mpoi, G., C. Milioti, **L. Mitropoulos**, (2021). "Electromobility in Greece: A Research based on the Influence of Financial Incentives and other Factors on the Adoption of Electric Vehicles. 10th ICTR conference "Future Mobility and Resilient Transport: Transition to Innovation", Rhodes Island Greece, 2-3 September 2021.
- [4] Evgenikos P., **L. Mitropoulos**, C. Kikikoudis, G. Yannakakis, E. Handakas, P. Tzouras, K. Paraskevas, A. Voulodimou. (2021). "Προκλήσεις και Προτάσεις για ένα Βιώσιμο Εθνικό Σύστημα Σιδηροδρομικών Μεταφορών". 10th ICTR conference "Future Mobility and Resilient Transport: Transition to Innovation", Rhodes Island Greece, 2-3 September 2021.
- [5] **Mitropoulos L.**, K. Kouretas, K. Kepaptsoglou, E. Vlahogianni (2021). "Economic Assessment of Private Electric, Semi Automated and Automated Vehicles", 10th ICTR conference "Future Mobility and Resilient Transport: Transition to Innovation", Rhodes Island Greece, 2-3 September 2021.
- [6] **Mitropoulos L.**, K. Kouretas, K. Kepaptsoglou, E. Vlahogianni (2021). "A Comparative Study of Lifecycle Costs for Hybrid and Electric Vehicles". Transportation Research Days, BIVEC-GIBET, May 27-28, 2021, Delft, The Netherlands (online/hybrid conference).
- [7] **Mitropoulos L.**, K. Kouretas, K. Kepaptsoglou, E. Vlahogianni (2021). "Total Cost of Ownership for Automated and Electric Vehicles". 7th International Conference on Vehicle Technology and Intelligent Transport Systems - VEHITS, Online streaming, 28-30 April 2021, ISBN 978-989-758-513-5, pages 34-43. DOI: 10.5220/0010398800340043
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- [10] **Mitropoulos, L.**, A. Antypas, K. Kepaptsoglou (2019). "Continuous Approximation Model for Ferry Transportation Planning: The Case of Aegean Islands". 98th Annual Meeting of Transportation Research Board, Washington D.C. January 13-17, 2019.
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- [14] Nathanail. E., G.Adamos, I. Karakikes, **L. Mitropoulos**. (2018) “Does the Implementation of Urban Freight Transport Policies and Measures Affect Stakeholders’ Behavior?”, 4th Conference on Sustainable Urban Mobility, Skiathos, Greece, May 24-25, 2018. *Advances in Intelligent Systems and Computing*, Data Analytics: Paving the Way to Sustainable Urban Mobility, Vol. 897, pp. 831-838. DOI: <https://doi.org/10.1007/978-3-030-02305-8> (*)
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- [16] Nathanail. E., I. Karakikes, **L. Mitropoulos**, G.Adamos. (2018). “A Cross-case Assessment of City Logistics”. Transportation Research Arena, Vienna-Austria, April 16-19, 2018.
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- [19] **Mitropoulos, L.**, G. Adamos, E. Nathanail, I. Yatskiv, I. Kabashkin. (2017). “Developing an Educational Program for Transportation across Regions: The Case for Intermodal Connections for Latvia and the Region”. 96th Annual Meeting of Transportation Research Board, Washington D.C. January 8-12, 2017.
- [20] **Mitropoulos, L.**, P. D. Prevedouros, Xin Yu. (2017). “A Fuzzy and a Monte Carlo Simulation Approach to Assess Transportation Vehicles”. 96th Annual Meeting of Transportation Research Board, Washington D.C. January 8-12, 2017.

- [21] P. D. Prevedouros, **L. Mitropoulos**. (2016). “Life Cycle Emissions and Cost Study of Light Duty Vehicles”. International Symposium on Enhancing Highway Performance (ISEHP), 7th International Symposium on Highway Capacity and Quality of Service, 3rd International Symposium on Freeway and Tollway Operations, June 14-16, 2016, Berlin. Transportation Research Procedia, Volume 15, pp. 749–760. (*)
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- [23] **Mitropoulos, L.**, P. D. Prevedouros, P. Kopelias. (2016). “Total Cost of Ownership and Externalities of Conventional, Hybrid and Electric Vehicle”. 3rd Conference on Sustainable Urban Mobility, Volos, Greece, May 26-27, 2016. Transportation Research Procedia, Vol. 24, pp. 296-303. DOI: <https://doi.org/10.1016/j.trpro.2017.05.117> (*)
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- [26] **Mitropoulos, L.** and P. D. Prevedouros. (2015). “Fuzzy Sustainability Assessment of Urban Transportation Vehicle Technologies”. 7th International Congress on Transportation Research, Athens, Greece, November 5-6, 2015.
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- [28] **Mitropoulos, L.** and P. D. Prevedouros. (2014). “Integrating Urban Vehicle Characteristics into Sustainable Transportation Planning”. Paper 129, 2nd Conference on Sustainable Urban Mobility, Volos, Greece, May 5-6, 2014.
- [29] **Mitropoulos, L.**, P. D. Prevedouros, E. G. Nathanail. (2012). “Sustainability Framework: A Case Study of Urban Transportation Vehicles”. XXIVth World Road Congress in Mexico City Sept. 2011 and published in Routes/Roads Magazine Issue: 352-353, January 2012. First award on Sustainable Development category. (*)
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- [33] **Mitropoulos, L.** and P. D. Prevedouros. (2009). “Sustainability Aspects of Freeway and Corridor Operations”. 2nd International Symposium on Freeway and Tollway Operations Honolulu, Hawaii. Published in CD-ROM. June 21-24, 2009.

Δημοσιεύσεις σε πρακτικά
συνεδρίων/παρουσιάσεις με
διαδικασία αξιολόγησης περιλήψης

- [1] **Mitropoulos Lambros,** Kortsari A., Ayfadopoulou G. (2020). “Understanding Ride-sharing Systems in Urban Areas: The Role of Location, Users and Barriers”. European Transport Conference, Milan Italy, 9-11 September 2020.
- [2] Panos D. Prevedouros and **L.K. Mitropoulos.** (2018). “Transportation Sustainability Analysis: Alternative Fuel Vehicles”. Chinese Overseas Transportation Association ([COTA](#)) International Symposium on Emerging Trends in Transportation, Waikiki, Oahu, Hawaii, October 4-6, 2018.
- [3] Panos D. Prevedouros and **Lambros K. Mitropoulos.** (2016). “A Practical Assessment Model for Sustainable Transportation”. 7th CECAR (Civil Engineering Conference in the Asian Region), hosted by the American Society of Civil Engineers, Waikiki, Oahu, Hawaii, August 30-September 2, 2016.
- [4] Liang Shi, **Lambros K. Mitropoulos,** Xin Yu, Panos D. Prevedouros. (2015). “Sustainability Assessment under Multi-Attribute Uncertainty for Alternative Fuel Vehicles and Driverless Cars”. Transportation for Sustainability, Standing Committee on Transportation and Sustainability (ADD40), Transportation Research Board, Washington, DC, May 6-8, 2015.
- [5] **Lambros K. Mitropoulos.** (2015). “Segmentation Methodology Based on Road Attributes and Accidents for Rural Two-Lane Roadways”. 25th World Road Congress, South Korea, Seoul , November 3-7, 2015.
- [6] Panos D. Prevedouros and **Lambros K. Mitropoulos.** (2013). “Sample Sustainability Assessment for Automobiles by Type of Propulsion”. International Symposium on Green Manufacturing and Applications (ISGMA 2013), June 25-29, 2013 Oahu, Hawaii, USA.
- [7] **Mitropoulos, Lambros K.,** Panos D. Prevedouros, Eftihia. G. Nathanail. (2010). “A Multidimensional Prism for the Evaluation of Urban Transportation Systems”. 5th International Conference on Transportation Research. Athens, Greece, September 2010.
- [8] Papadimitriou F., B.M.Halkias, P.Kopelias, P.D. Prevedouros, **L.K.Mitropoulos,** J.Tokishi. (2009). “Freeway Bottleneck Simulation: The case of Metamorfoisi Interchange Attica Tollway, Athens Greece “, 2nd International Symposium on Freeway and Tollway Operations Honolulu, Hawaii, June 21-24, 2009.
- [9] Prevedouros, P., B.Halkias, P.Kopelias, **L.K.Mitropoulos,** J.Tokishi. (2008). “A Complex, Congested Freeway to Freeway Interchange: Attica Tollway Simulation”. Freeway and Tollway Operations Conference, TRB, Ft. Lauderdale, Florida, June 15-18, 2008.
- [10] **Mitropoulos, Lambros K.** (2008). “Defining Road Uniformity and its Effect on Road Safety”. Proceedings of International Exchange Forum, Saitama University, Japan, March 5-6, 2008.

Παρουσιάσεις
(χωρίς διαδικασία αξιολόγησης
εργασίας)

- [1] Ayfadopoulou, G., Xenou, E., Nathanail, E., **Mitropoulos, L.**, Parodos, L. (2018). "Validation City Logistics Planning Process: Complementing Experts Impact Assessment with Simulation Tools Results". 3rd VREF Conference on Urban Freight, Current Issues Influencing Urban Freight Research, University of Gothenburg, Sweden, October 17, 2018.
- [2] Nathanail E., Karakikes I., **Mitropoulos L.**, Adamos G., (2018). "City logistics measures cross-case assessment", 6th PhD Research Workshop of Polytechnic School of University of Thessaly, Volos, May 30, 2018, pp. 13-14.
- [3] Nathanail, E., **Mitropoulos, L.**, Karatsoli, M. (2018). "A Roadmap of Analysis Requirements of Quantitative and Qualitative Big Data for Transport Applications", COST TU1305 Final Conference, University of Milano-Bicocca, Milan, Italy, February 14-15, 2018.
- [4] **Mitropoulos, Lambros K.** (2011). "Energy and Emissions from various Modern Transportation Modes". College of Engineering Annual Engineering Banquet, Honolulu, HI, April 2011.
- [5] **Mitropoulos, Lambros K.** (2010). "Life Cycle Assessment of Alternative Fuel Vehicles". 2nd Annual Hawaiian Clean Energy Day, Honolulu, HI, June 2010.
- [6] **Mitropoulos, Lambros K.** (2008). "Oahu's Congestion Alternatives and Solutions". College of Engineering Annual Engineering Banquet, Honolulu, HI, April 2008.

Βιβλία ή κεφάλαια βιβλίων

- [1] **Mitropoulos, Lambros K.**, Panos D. Prevedouros. (2018). "Conventional, Battery-Powered, and Other Alternative Fuel Vehicles: Sustainability Assessment". In Pistoia G., Liaw B. (eds) *Behaviour of Lithium-Ion Batteries in Electric Vehicles. Green Energy and Technology*. Springer, Cham. DOI: https://doi.org/10.1007/978-3-319-69950-9_5

ΣΥΜΜΕΤΟΧΗ ΣΕ ΔΡΑΣΕΙΣ

 Συμμετοχή σε επιστημονικούς και
επαγγελματικούς συλλόγους

- | | |
|-------------|---|
| 2021- | <ul style="list-style-type: none"> • Μέλος της Επιτροπής: Σιδηροδρομικών Μεταφορών του Συλλόγου Ελλήνων Συγκοινωνιολόγων (ΣΕΣ) |
| 2017-2020 | <ul style="list-style-type: none"> • Μέλος της Επιτροπής: Κινητικότητας του Συλλόγου Ελλήνων Συγκοινωνιολόγων (ΣΕΣ) |
| 2017 | <ul style="list-style-type: none"> • Μέλος της ομάδας Coursera Data Science Community |
| 2014 | <ul style="list-style-type: none"> • Μέλος της Επιτροπής: Περιβαλλοντικών Επιπτώσεων και Ενέργειας του Συλλόγου Ελλήνων Συγκοινωνιολόγων (ΣΕΣ) |
| 2012 | <ul style="list-style-type: none"> • Μέλος του Συλλόγου Ελλήνων Συγκοινωνιολόγων (ΣΕΣ). |
| 2010 | <ul style="list-style-type: none"> • Μέλος του American Society of Civil Engineers (ASCE). |
| 2009 - 2013 | <ul style="list-style-type: none"> • Μέλος του Society of Automotive Engineers (SAE). |
| 2008 - 2015 | <ul style="list-style-type: none"> • Μέλος του Institute of Transportation Engineers (ITE). |
| 2008 – 2012 | <ul style="list-style-type: none"> • Πρόεδρος και μέλος του ITE Student Chapter in The University of Hawaii, Manoa. |
| 2007 | <ul style="list-style-type: none"> • Μέλος Τεχνικού Επιμελητηρίου Ελλάδας (ΤΕΕ). |

Κριτής σε περιοδικά και συνέδρια

Περιοδικά Journals (ad hoc reviewer)

- ASCE Journal of Urban Planning and Development
- Case Studies on Transport Policy
- Clean Technologies and Environmental Policy
- International Journal of Automotive Technology and Management

- International Journal of Sustainable Transportation
- Journal of Cleaner Production
- Journal of Intelligent Transportation Systems: Technology, Planning, and Operations
- Journal of Modern Transportation
- Networks and Spatial Economics
- Transport Research Part A: Policy and Practice
- Transportation Research Part D: Transport and Environment
- Transportation Research Board (TRB) AH010: Standing Committee on Surface Transportation Weather
- Transportation Research Board (TRB) ADC20: Standing Committee on Transportation and Air Quality
- Transportation Research Board (TRB) ADD40: Standing Committee on Transportation and Sustainability
- Transportation Research Board (TRB) ADD50: Standing Committee on Transportation Planning Applications
- Transportation Research Board (TRB) ADC80: Standing Committee on Alternative Transportation Fuels and Technologies
- Transportation Research Board (TRB) ABJ70: Standing Committee on Artificial Intelligence and Advanced Computing Applications
- Transportation Research Board (TRB) ABE90: Transportation in the Developing Countries

Συνέδρια

- Transport Research Arena (TRA) Conference, Lisbon, Portugal, November 14-17 2022.
- 6th International Symposium on Highway Geometric Design (ISHGD2022 / USS symposium), Amsterdam, The Netherlands, June 27-29 2022.
- 10th International Congress on Transportation Research “Future Mobility and Resilient Transport: Transition to innovation”, Rhodes, Greece, September 2-3, 2021.
- 21st IEEE International Conference on Intelligent Transportation Systems, Maui, Hawaii, USA, November 4-7, 2018.
- American Society of Civil Engineers, International Conference on Transportation & Development (ICTD2018), Connected and Automated Vehicles (CAV) Track, Pittsburg Pennsylvania, July 15-18 2018.
- 4th Conference on Sustainable Urban Mobility (CSUM), Skiathos, Greece on 24 – 25 May 2018.
- The International Conference on Transport and Health (ICTH) 2016 – USA, San Jose, California - USA 13-15 June 2016.
- 3rd Conference on Sustainable Urban Mobility (CSUM), Volos, Greece on 26 – 27 May 2016.
- 2nd International Symposium on Freeway and Tollway Operations. June 2009.

Αθήνα, 21 Μαρτίου 2022