

# Lambros K. Mitropoulos, Ph.D.

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## PROFESSIONAL POSITIONS

- Senior Research Associate** Mar. 2016  
University of Thessaly, Department of Civil Engineering, Volos Greece.
- Research Associate** Sept.2013 - Feb.2016  
Center for Research and Technology Hellas (CERTH), Hellenic Institute of Transport (HIT), Athens, Greece.
- Transportation Planner, Independent Consultant** Nov.2007 - Present  
K&L Mitropoulos Consultant Engineers and Planners, Athens Greece.
- Civil Engineer, Engineering Corps, Greek Army** Nov.2012 - Aug. 2013
- Postdoctoral Researcher** Jan.2012 - Oct. 2012  
University of Hawaii, Manoa, Department of Civil and Environmental Engineering. Honolulu USA.
- Teaching Assistant** Jan. 2011- Dec. 2011  
University of Hawaii, Manoa, Department of Civil and Environmental Engineering. Honolulu USA.
- Citizen's Advisory Committee Member** May 2010 - Sept. 2011  
Oahu Metropolitan Planning Organization, Hawaii USA.
- Research Assistant** Jan. 2008 - Dec. 2011  
University of Hawaii, Manoa, Department of Civil and Environmental Engineering. Honolulu USA.

## EDUCATION

- Ph.D. Civil Engineering** Dec.2011  
University of Hawaii, Manoa, USA. **Dissertation:** "Sustainability Framework for Urban Transportation Modes and Exploratory Applications".
- M.Sc. Transport** Oct. 2006  
University of London; Imperial College of Science, Technology & Medicine & University College of London. **Thesis:** "Defining Highway Uniformity and its Effect on Road Safety".
- Diploma of Imperial College (DIC) in Transport** Oct. 2006  
Imperial College of Science, Technology & Medicine UK.
- M.Sc. Civil Engineering** Oct.2005  
University of Brighton, UK. **Thesis:** "Seismic Retrofitting of Bridges Using a Dissipative Bracing System of Low Invasivity".
- B.Eng Civil Engineering (First Class Honors)** July 2004  
University of Brighton, UK. **Thesis:** "Wastewater Treatment Technology with Reference to the Activated Sludge Process".

## TRAINING COURSES

- University of California, San Diego, San Diego Supercomputer Center (SDSC)** Fall 2016  
Big Data Modeling and Management Systems (Online course)  
Introduction to Big Data (Online course)
- AutoCAD Civil 3D Drawing Course** Spring 2015  
Autodesk Certificate of Completion
- Johns Hopkins University, Bloomberg School of Public Health** Fall 2014  
The Data Scientist's Toolbox (Online course offered through Coursera)
- The Pennsylvania State University, John A. Dutton e-Education Institute** Spring 2014  
Maps and Geospatial Revolution (Online course offered through Coursera)
- AutoCAD 2D Drawing Course** Spring 2014  
Autodesk Certificate of Completion
- Johns Hopkins University, Bloomberg School of Public Health** Fall 2013  
Data Analysis with R Programming (Online course offered through Coursera)
- Ministry of Environment, Energy and Climate Change, The Special Secretariat for the Environment and Energy Inspectorate** Fall 2013  
Energy Inspectors - Residential Energy Audit Program, Energy Inspector Certificate

## RESEARCH EXPERIENCE

- **ALLIANCE** – Enhancing excellence and innovation capacity in sustainable transport interchanges, H2020-TWINN-2015, 1/1/2016-31/12/2018. University of Thessaly. Budget €989,000. Research associate.
- **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. University of Thessaly. Budget €4,487,000. Research associate.
- **KRIPIS** – Interdisciplinary Research Collaboration (CERTH) in the field of Energy and Environment. Ministry of Education and Religious Affairs: General Secretariat for Research and Technology. 1/5/2013 – 31/12/2015. Hellenic Institute of Transport. Budget: 1,136,085. Research associate.
- **SMILE** – Smart Green Innovative Urban Logistics for Energy Efficient Mediterranean Cities. Programme MED. 1/1/2013 - 30/6/2015. Hellenic Institute of Transport. Budget: 1,622,533. Research associate.
- **Pre-Feasibility Study** of ro-ro vessels between Thessaloniki, Greece and Novorossiysk, Russia. 2014. Hellenic Institute of Transport. Research associate.
- **SOLUTION** – Sharing Opportunities for Low carbon Urban Transport. European Commission - 7th Framework Programme. 1/5/2013 - 29/4/2016. Hellenic Institute of Transport. Budget: €2,193,311.4. Research associate.
- **FUTRE** – Future Prospects on Transport Evolution and Innovation Challenges for the Competitiveness of Europe. European Commission - 7th Framework Programme. 1/10/2012 - 30/9/2014. Hellenic Institute of Transport. Budget: €1,182,578. Research associate.
- **TRI-VALUE** - Ex-post evaluation of Transport Research and Innovation in the FP7. European Commission - 7th Framework Programme. 5/1/2013 - 5/1/2014. Hellenic Institute of Transport. Budget: €498,206.72. Research associate.
- **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. University of Hawaii, Manoa. Budget: \$190,000. Research assistant.
- **HAVO TRAFFIC AND PARKING: CURRENT ISSUES, FUTURE SOLUTIONS**. Hawaii Volcanoes National Park (HAVO), Department of the Interior, (100%). 1/08/2009 - 1/07/2010. University of Hawaii, Manoa. Budget: 50,000. Research assistant.
- **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. University of Hawaii, Manoa. Budget: \$296,727. Research assistant.
- **An investigation of ASIM 29X, CANOGA, RTMS, SAS-1 AND SMART SENSOR FOR LTP, AVC (Automatic Vehicle Classification) AND RTTM (Real Time Traffic Management)**. Project funded by the Federal Highway Administration (FHWA) (80%) and the Highways Division, State of Hawaii DOT (20%). 1/11/2007 - 1/10/2009. University of Hawaii, Manoa. Budget: \$198,824. Research assistant.

## TEACHING EXPERIENCE

**Tutor at the ALLIANCE Training School “Urban and Transportation Planning”.** May 2016  
Organized by the University of Thessaly in Volos and the Transport and Telecommunication Institute, Latvia.

- “Changing the Transportation Planning Paradigm: A Sustainability-based Approach”.

**Teaching Assistant, Department of Civil and Environmental Engineering, University of Hawaii, U.S.**

- **Sustainable Infrastructure** Fall 2011
- **Applied Mechanics II** Spring 2011
- **Transportation Engineering** Spring 2010

## REFEREED JOURNAL PUBLICATIONS

- [1] **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: 10.1080/03081060.2016.1174363.
- [2] **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: 10.1061/(ASCE)UP.1943-5444.0000336.
- [3] **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: 10.1016/j.trd.2015.09.024.
- [4] **Mitropoulos, Lambros K.** and Panos D. Prevedouros. (2014). “Multicriterion Sustainability Assessment in Transportation: Private Cars, Carsharing and Transit Buses”. In *Transportation Research Record: Journal of the Transportation Research Board*, No. 2403, Transportation Research Board of the National Academies, Washington, D.C., pp. 52-61.
- [5] **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.

## PAPERS IN REFEREED PROCEEDINGS

- [1] **Mitropoulos, Lambros K.,** 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.
- [2] **Mitropoulos, Lambros K.,** Panos 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.

- [3] Panos D. Prevedouros, **Lambros K. 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. Published in the Transportation Research Procedia, Volume 15, pp. 749-760.
- [4] **Mitropoulos, Lambros K.** and Panos D. Prevedouros, Xin (Alyx) Yu, Eftihia G. Nathanail. (2016). "A Fuzzy and a Monte Carlo Simulation Approach to Assess Sustainability and Rank Vehicles in Urban Environment". 3rd Conference on Sustainable Urban Mobility, Volos, Greece, May 26 - 27, 2016. Transportation Research Procedia 2016.
- [5] **Mitropoulos, Lambros K.**, Panos D. Prevedouros, Pantelis 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.
- [6] Pantelis Kopelias, Konstantinos Mpogas, **Lambros K. Mitropoulos**, Konstantinos Kepaptsoglou. (2016). "Road Safety in Urban Areas in Greece during Economy Downturn. A Before - After Comparison". 3rd Conference on Sustainable Urban Mobility, Volos, Greece on 26 - 27 May. Transportation Research Procedia 2016.
- [7] Sdoukopoulos E., Kose P., Gal-Tzur A., Mezghani M., Boile M., Sheety E., **Mitropoulos L.K.** (2016). "Assessment of Urban Mobility Needs, Gaps and Priorities in Mediterranean Partner Countries". Transportation Research Arena, Warsaw-Poland, April 18-21, 2016. Published in the Transportation Research Procedia, Volume 14, pp. 1211-1220.
- [8] **Mitropoulos, Lambros K.** and Panos D. Prevedouros. (2015). "Fuzzy Sustainability Assessment of Urban Transportation Vehicle Technologies". 7th International Congress on Transportation Research, Athens, Greece, November 5-6, 2015.
- [9] **Mitropoulos, Lambros K.** and Panos D. Prevedouros. (2015). "Sustainability Assessment of Transportation Vehicles with Fuzzy Logic-based Uncertainty". 94th Annual Meeting of the Transportation Research Board, Washington D.C. and published in CD-ROM. January 11-15, 2015.
- [10] **Mitropoulos, Lambros K.** and Panos 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.
- [11] **Mitropoulos, Lambros K.**, Panos D. Prevedouros, Eftihia 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.
- [12] **Mitropoulos, Lambros K.** and Panos D. Prevedouros. (2011). "Sustainability Framework for the Life Cycle Assessment of Light-Duty Vehicles". 11th International Conference of Chinese Transportation. Nanjing, China, August 14 - 17, 2011. Published in ICCTP 2011: Towards Sustainable Transportation Systems, pp. 4407- 4419.
- [13] **Mitropoulos, Lambros K.**, Panos D. Prevedouros, Eftihia G. Nathanail. (2010). "A Dynamic Framework for the Monitoring and Assessment of the Urban Transportation Modes Performance". Paper-03147, 12th World Conference on Transport Research. Published in Selected Proceedings, Lisbon, Portugal, July 11 - 15, 2010.
- [14] **Mitropoulos, Lambros K.**, Panos D. Prevedouros, Eftihia G. Nathanail. (2010). "Assessing Sustainability for Urban Transportation Modes: Conceptual Framework". 89th Annual Meeting of Transportation Research Board, Washington D.C. and published in CD-ROM. January 10 - 14, 2010.

- [15] **Mitropoulos, Lambros K.** and Panos 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.

### PAPERS IN PROCEEDINGS

- [1] 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.
- [2] 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.
- [3] 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.
- [4] **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.
- [5] 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.
- [6] 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.
- [7] **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.

### PRESENTATIONS<sup>1</sup>

- [1] **Mitropoulos, Lambros K.** (2011). "Energy and Emissions from various Modern Transportation Modes". College of Engineering Annual Engineering Banquet, Honolulu, HI, April 2011.
- [2] **Mitropoulos, Lambros K.** (2010). "Life Cycle Assessment of Alternative Fuel Vehicles". 2nd Annual Hawaiian Clean Energy Day, Honolulu, HI, June 2010.
- [3] **Mitropoulos, Lambros K.** (2008). "Oahu's Congestion Alternatives and Solutions". College of Engineering Annual Engineering Banquet, Honolulu, HI, April 2008.

### ARTICLES

- [1] **Mitropoulos, Lambros K.** and Maria Boile. (2015). "TRI-VALUE: Multicriteria Assessment of Transport Research Activities in Europe's FP7". Hellenic Institute of Transportation Engineers, 195:21-25, 2015 (in Greek).

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<sup>1</sup> List excludes presentations of papers listed under conference proceedings

- [2] **Mitropoulos, Lambros K.** (2011). "Trip and Parking Generation Data Project in Waipio Peninsula Soccer Complex". Published in "Wiliki of Hawaii, Engineer of Hawaii", Vol.47 (2):1&7, April 2011.
- [3] **Mitropoulos, Lambros K.** (2009). "Green Travel for Highways". Published in "Hawaiian Reporter", November 3, 2009.
- [4] **Mitropoulos, Lambros K.** (2009). "Experiences with Managed Lanes in the United States", Published in "Hawaiian Reporter", October 22, 2009.

## PROJECT REPORTS

- [1] Eftihia Nathanail (Editor), Giannis Adamos, **Lambros Mitropoulos**, Irina Yatskiv (Jackiva), Igor Kabashkin, Mihails Savrasovs, Kristine Malnaca & Kay Matzner (2016). "Course material on smart solutions for the interconnection of transportation networks". ALLIANCE Deliverable D2.3.
- [2] Eftihia Nathanail, **Lambros Mitropoulos**, Giannis Adamos, Michael Gogas, Ioannis Karakikes, Stanisław Iwan, Maja Kiba-Janiak, Izabela Kotowska Kinga Kijewska, Mariusz Jedliński, Jerzy Korczak, Marek Landowski, Konstantinos Kokkinos, Lefteris Papadopoulos, Elena Maggi, Elena Vallino, Maria Morfoulaki, Katerina Chrysostomou (2016). "Evaluation Tool manual" Deliverable D3.2. - NOVELOG project - New cooperative business models and guidance for sustainable city logistics - funded by the European Commission under Horizon 2020.
- [3] Eftihia Nathanail, **Lambros Mitropoulos**, Giannis Adamos, Michael Gogas, Ioannis Karakikes, Stanisław Iwan, Maja Kiba-Janiak, Izabela Kotowska Kinga Kijewska, Mariusz Jedliński, Jerzy Korczak, Marek Landowski, Elena Maggi, Elena Vallino, Maria Morfoulaki, Katerina Chrysostomou (2016). "Evaluation Tool" Deliverable D3.2. - NOVELOG project - New cooperative business models and guidance for sustainable city logistics - funded by the European Commission under Horizon 2020.
- [4] Irina Yatskiv (Jackiva), Kristine Malnaca, Igor Kabashkin, Mihails Savrasovs, Giannis Adamos, **Lambros Mitropoulos**, Eftihia Nathanail (2016). "Framework for monitoring and evaluating educational and training program in Latvia". ALLIANCE Deliverable D2.4.
- [5] Eftihia Nathanail (Editor), **Lambros Mitropoulos**, Giannis Adamos, (2016). "Research educational and training program in Latvia and the region" - ALLIANCE Deliverable D2.2.
- [6] Eftihia Nathanail, Giannis Adamos, **Lambros Mitropoulos**, Michael Gogas, Ioannis Karakikes, Stanislaw Iwan, Maja Kida-Janiak (2016). "Integrated assessment framework for UTF solutions". Deliverable D3.1. - NOVELOG project - New cooperative business models and guidance for sustainable city logistics - funded by the European Commission under Horizon 2020.
- [7] Eftihia Nathanail (Editor), Giannis Adamos, **Lambros Mitropoulos**, Irina Yatskiv (Jackiva), Igor Kabashkin, Mihails Savrasovs, Kristine Malnaca & Kay Matzner (2016). "Good practices on research, educational and training programs on smart solutions for the interconnection of transportation networks" - ALLIANCE Deliverable D2.1.
- [8] Panos D. Prevedouros, Alan J. Horowitz, **Lambros Mitropoulos**, Xin (Alyx) Yu, Liang Shi, Daniel Lee. (2015) "Guidelines for project-level traffic forecasting for Hawaii Department of Transportation". State of Hawaii, Department of Transportation, Highways Division and U.S. Department of Transportation, Federal Highway Administration.

- [9] Kose P., Gal-Tzur A., Sheety E., Mezghani M., Sdoukopoulos L., Boile M., **Mitropoulos L.**, Lah O. (2015) "Assessment of city needs and gap analysis - Deliverable 4.1" SOLUTIONS project - Sharing Opportunities for Low carbon Urban Transport – funded by the European Commission under the 7th FP.
- [10] Carvalho, D., Vieira, J., Boile, M., **Mitropoulos, L.**, Mathews, B., Pearman, A., Aparicio, A., Ciommo, F., Köhler, J. (2014) "TRI-VALUE, ex-post evaluation of Transport Research and Innovation in the FP7 'Cooperation' Programme - Final Report - Deliverable 4.2", TRI-VALUE project, funded by the European Commission under the 7th FP.
- [11] Matthews, B.; Pearman, A.; Shepherd, S.; Balijepalli, C.; Koh, A.; Carvalho, D.; Vieira, J.; Aparicio, A.; di Ciommo, F.; and **Mitropoulos, L.** (2014) "TRI-VALUE, ex-post evaluation of Transport Research and Innovation in the FP7 'Cooperation Programme': assessment results". Deliverable 3, TRI-VALUE project, funded by the European Commission under the 7th FP.
- [12] Boile, M., **Mitropoulos, L.**, Carvalho, D., Vieira, J., Aparicio, A., Ciommo, F., Bravo, C., Köhler, J. (2014) "Assessment and evaluation of Transport Research and Innovation in the FP7 'Cooperation' Programme: results and indicators from data collection". Deliverable 2.1, TRI-VALUE project, funded by the European Commission under the 7th FP.
- [13] Highway Noise Policy and Abatement Guidelines (2011). University of Hawaii Manoa, State of Hawaii, Department of Transportation, Highways Division and U.S. Department of Transportation, Federal Highway Administration.

## **REFeree SERVICE**

### **Journals**

- Networks and Spatial Economics
- Transport Research Part A: Policy and Practice
- Transportation Research Board (TRB) AH010: Standing Committee on Surface Transportation Weather
- Transportation Research Board (TRB) ADD40: Standing Committee on Transportation and Sustainability
- ASCE Journal of Urban Planning and Development
- Journal of Modern Transportation

### **Conferences**

- 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.



## ORGANIZING COMMITTEES

- 3rd Conference on Sustainable Urban Mobility (CSUM), Volos, Greece, 26 – 27 May 2016.
- ITE representative for ITE Hawaii Student Chapter – Annual meeting with the Dean, University of Hawaii, Manoa. November 2011.
- Principal organizer of ITE Student Chapter for participation in University of Hawaii Engineering's Day. University of Hawaii, Manoa. September 2011.
- Seminar organizer with Segway transporters. University of Hawaii, Manoa. November 2010.
- 2nd International Symposium on Freeway and Tollway Operations. June 2009.

## PROFESSIONAL MEMBERSHIPS

- Committee on Transportation Energy and Environmental Impact (HITE), since 2014.
- Registered Energy Inspector for Buildings, since 2013.
- A' Class Design Certificate for Transportation and Environmental Projects, since 2012.
- Hellenic Institute of Transportation Engineers (HITE), since 2012.
- American Society of Civil Engineers (ASCE), since 2010.
- Society of Automotive Engineers (SAE), 2009-2013.
- Institute of Transportation Engineers (ITE), since 2008 -2015.
- Registered Professional Civil Engineer in the Technical Chamber of Greece (TEE), since 2007.

## HONORS & AWARDS

<b>Fellowship Sustainable Tourism in European Union</b> National and Kapodistrian University of Athens Jean Monnet European Center of Excellence	2015
<b>National Planning Excellence Award for Transportation Planning</b> "Hawaii DOT's Statewide Pedestrian Master Plan" American Planning Association, U.S.	2014
<b>First Prize for Sustainable Development Paper</b> "Life-Cycle Assessment through a Comprehensive Sustainability Framework: A Case Study of Urban Transportation Vehicles" XXIVth World Road Association	Sept. 2011
<b>President - ITE Student Chapter</b> University of Hawaii, Manoa	May 2010- Oct. 2011
<b>Honor Award for Best Website</b> , Institute of Transportation (ITE) Hawaii Student Chapter (3 awards in total at national level)	Apr.2011
<b>Funding by the National ITE Data Collection Fund Committee</b> Data collection proposal (1/5 among 18 ITE student chapters)	Nov. 2010
<b>E. E. Black Scholarship</b> , University of Hawaii	May 2010
<b>Professional Service Award</b> 2nd International Symposium on Freeway and Tollway Operations	June 2009

**Full Graduate Assistantship (Tuition wavier)**  
University of Hawaii, Manoa

2008 - 2011

**First Class Honors - B.Eng in Civil Engineering**  
University of Brighton

July 2004

**Athens, 5 December 2016**