

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

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Nationality	Greek
Gender	Male
Date of birth	APRIL 21 ST 1978

WORK EXPERIENCE

2015-today	Research associate (Civil / Transport engineer) University of Thessaly Department of Civil Engineering Traffic Transportation and Logistics Laboratory - TTLog
2005 & 2009-2015	Centre for Research and Technology Hellas (CERTH), Hellenic Institute of Transport (HIT) – Research associate (Civil / Transport engineer)
2008-2015	Research associate (Civil / Transport engineer) University of Thessaly Department of Civil Engineering Transportation Engineering Laboratory
2004-2008	Transeuropean Consultants for Transport, Development and Information Technology - TREDIT S.A. (Civil / Transport engineer)
2001-2003	Elter – Fokiki partnership - construction of highways (site Civil engineer)

SELECTED EXPERIENCE

RESEARCH EXPERIENCE

2015	NOVELOG (New cooperative business models and guidance for sustainable city logistics), a 3-year H2020 EU-funded project, aimed at the: <ul style="list-style-type: none">enabling of knowledge and understanding of freight distribution and service trips by providing guidance for implementing effective and sustainable policies and measures,
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- supporting the choice of the most optimal and applicable solutions for urban freight and service transport,
- facilitation of the stakeholder collaboration and
- the development, field testing and transfer of best governance and business models.

The activities are accompanied by the production of practical tools to support the take-up impact of NOVELOG project to wider international city and industrial networks and beyond the project's lifetime. The tools involve the understanding of cities, the assessment framework for the evaluation of policies and measures deployed within NOVELOG's pilots and case studies, the toolkit of policies and measures blending and application per city type and guidance tool towards the incorporation of policies and measures in SUMP. NOVELOG contributes to the European Commission's research and policy agenda through the generation of sound knowledge that introduces a new approach to guidance strategies that supports a more sustainable urban environment.

2015 **City Hub**, a 30-month EU-funded project, bringing together leading experts of design and urban integration, transport operation and business, with local and regional authorities and end-users organizations, which represent the economic, demographic and territorial diversity of Europe.

Project aim: contribution to the design and operation of seamless, smart, clean and safe intermodal public transport systems, addressing, at the same time, how these interchanges should be designed in order to ensure that "vulnerable" target groups, i.e. the elderly, youth, physically and mentally handicapped people can adequately benefit from these interchanges.

Development of an integrated business model and introduction of a comprehensive set of proposed methodological guidelines, addressing different aspects of an urban interchange and promoting public transport. The integrated model is validated through a set of European case studies and the methodological guidelines are fully exploited through a European transferability exercise and dissemination initiatives to target groups throughout Europe.

2014 **RAIL4SEE - Rail Hub Cities for South East Europe**, a South East Europe (SEE) Programme project focused on the development of models, concepts, measures, harmonized strategies and policy actions targeted to the improvement of rail and intermodal transport in SEE. In particular partners call for complementary interventions facing the alleviation of barriers for rail hubs integration in the local, regional, transnational and TEN-T systems, transport services projecting & harmonization, governance improvement, in particular in the transversal perspective of Public Transport Partnerships development, meant as operational agreements for a seamless provision of transport services & information to SEE citizens. RAIL4SEE answers the need for improved transnational rail connectivity in SEE by IT, governance, services & organization measures. It addresses non-infrastructure interventions aimed at integrating cities into transnational transport corridors and it works on the transnational transport backbone of SEE by involving 11 rail hubs and 11 TEN-T & PAN EU corridors. In this perspective RAIL4SEE enhances rail transport by improving the feeding functions on rail of major hub-cities & of their respective regions and metropolitan contexts, integrate the primary & secondary transport networks via rail hubs, develop functional integration and multimodal cooperation among transport hubs. RAIL4SEE brings together major public authorities competent for policy making in rail & public transport, rail operators & technical knowledge providers of SEE representing major rail hubs & sharing the need for improving their mutual transport connections in a green & seamless accessibility perspective: Bologna, Venice, Trieste, Ljubljana, Vienna, Bratislava, Budapest, Thessaloniki, Sofia, Zagreb, Bucharest. RAIL4SEE focuses its activities along the backbone of the transport corridors in SEE: TEN-T Priority Projects (PP) 1 Berlin-Palermo, PP6 Lisbon-Kiev, PP17 Paris-Bratislava, PP22 Athens-Sofia-Budapest-Vienna, PP23 Gdansk-Bratislava-Vienna, PP29 Ionian/Adriatic intermodal corridor (rail PPs), PP21 MoS, PP18 Rhine/Meuse-Main-Danube inland waterway, PP07 Motorway axis Igoumenitsa/Patras-Athens-Sofia-Budapest, PP25 Gdansk-Bratislava-Vienna, PAN EC X Thessaloniki-Beograd / Zagreb-Ljubljana / Budapest. That ensures the best framework of territories & bodies to face the RAIL4SEE challenges (01/09/2014 – 31/12/2014).

2013 **BGLC (Bothnian Green Logistics Corridor): "International scientific study on Transport Corridor Management"**, Lulea Tekniska Universitet – Lulea University of Technology (Sweden), a research focused on terminal and respective corridor management issues and on

the investigation of the management structure's impact on terminal and corridor development and integration. The research and final outcomes were based on the review and analysis of the management structure of intermodal nodes around Europe. Based on the experience gained, a generic framework is created, concerning the suggested management and decision making model of intermodal transport and green logistics terminals and their corridors (1/1/2013 – 30/6/2013).

2011 - 2014

“STRAIGHTSOL – Strategies and measures for smarter urban freight solutions”, a research project, focusing on the organization of Urban-interurban shipments, co-funded by the European Commission under the Seventh Framework Cooperation Work Programme Sustainable Surface Transport . The objectives of STRAIGHTSOL are threefold:

1. Develop a new impact assessment framework for measures applied to urban-interurban freight transport interfaces.
2. Support a set of innovative field demonstrations showcasing improved urban-interurban freight operations in Europe.
3. Apply the impact assessment framework to the live demonstrations and develop specific recommendations for future freight policies and measures.

The demonstrations represent cutting edge initiatives from leading stakeholders like DHL Supply Chain, Kuehne Nagel and TNT, and cover Brussels, Barcelona, Thessaloniki, Utrecht, Lisbon, Oslo and the south of England. STRAIGHTSOL will contribute to the Commission's research agenda through: 1) an implementation of sustainable urban-interurban freight transport solutions, 2) widely disseminating the experiences and effects from the demonstrations amongst the logistics community, 3) demonstrating the added value of the evaluation tool framework for assessing last mile distribution and urban-interurban freight activities.

The STRAIGHTSOL demonstrations and deliverables will give policy makers and transport industry players input for future measures in the field of last mile distribution and urban-interurban freight transport interfaces at the European, country, region, city and local levels (01/09/2011 – 31/08/2014).

2012

“CLOSER – Connecting long and short distance networks for efficient transport”, an FP7 project, with view to build upon existing research, develop innovative tools for the analysis of interfaces, check them in case studies and make specific recommendations in order to get:

- ✓ A more systematic approach to the whole project cycle of interfaces.
- ✓ Specific guidelines for decision makers in order to cope with the challenges and to get the most out of the opportunities in the areas of transport, spatial and economic development.
- ✓ Friendlier regulatory environment; cooperation and supporting better integrated interfaces.
- ✓ Improved mechanisms for funding those concepts with a higher degree of integration.
- ✓ Involvement of stakeholders, particularly transport operators.

Involvement: collection, analysis of data focusing on the case studies of the Ports of Thessaloniki, Greece and Constantza, Romania (01/01/2012 – 31/12/2012).

2009-2011

“B2B – loco: Baltic to Balkan network for logistics competence”. Collaboration of 16 partners from 15 countries ranging from Baltic to Balkan aiming at building a Network for Logistics Competence. B2B LOCO is expected to become a platform for an exchange of knowledge, best practices, new technologies and solutions within logistics. It has been created in the way to substantially increase the participation of small/medium enterprises in the Framework Programme projects by demonstrating and actively promoting the most business practice-oriented results of past and current RTD (European Commission – Research and Technology Development) projects (Oct.2009 – Oct.2011).

2006

“CORELOG: Coordinated regional logistics”. Testing of regional logistics policies and actions to be coordinated amongst institutional actors, responsible for policy making, financing and investment decisions and actors related to the transport market, whose supply-chain strategies

and decisions strongly affect the spatial pattern and the modal split of the freight transport, (assigned by INTERREG III B CADSES program, July 2006 – December 2006).

2004-2005 **“IMONODE: Efficient integration of cargo transport modes and nodes in CADSES area”**. Studying the options and suggesting solutions and solid actions that will enhance the greater use of and the accessibility to the transportation network axes No V and X for freight transport, with priority on rail, in the CADSES area, (assigned by INTERREG III B CADSES program, January 2005 – July 2005).

2005 **“CITYPORTS”**. Re-organization and process reengineering into city logistics solutions in medium and small size urban systems, making them to work in coherent, efficient and sustainable way. The main features of the CITYPORTS methodology concern the systematic analysis of the supply chains behind the haulage of goods, a careful identification of the most critical conditions within the cities the identification of specific solutions according to an integrated approach comprehensive ex-ante evaluation and attention paid to all the stakeholders interested by the policy measures. City Ports’ overall objective is to promote concrete interventions in urban logistics for some European cities in order to reorganize their urban systems. In lines with the previous points, three main phases have been identified in a feasibility study:

1. the analysis, for the collection of key information regarding the critical issues in the delivery of goods in the urban environment where an intervention is foreseen
2. the identification of an integrated solution, which is the central phase of the study, where the intervention to apply is defined; being the approach an integrated one, the solution must be dealing with the three key issues: technical/logistic, political / administrative and involvement of stakeholders
3. the cost-benefit analysis where external costs and benefits are taken into account for a preliminary assessment of possible additional costs deriving from the solution adopted and how to share those among stakeholders. This passage proves to be fundamental for the economic sustainability of the solution.

(Work assigned by INTERREG III B CADSES program, January 2005 – April 2005).

2005-2006 **“MISS: Monitor Integrated Safety System”**. Analysis of road safety concerning freight transport for the production of an algorithm for the estimation of the road safety level (risk) in road transport and the development of a state of the art algorithmic solution to mitigate severe traffic safety problems in the region of Bologna, Italy – data collection, evaluation and statistical analysis (2005).

TRANSPORTATION STUDIES

2011-2012 **“A Study on Integrated Border Crossing Points Management between Schengen Area and Russia/Belarus”**, Europeaid, EU — Assistance Projects - World Trade Organization. The study is focused on the upgrading of the processes involved in the border crossing in order to successfully face the bottlenecks and all the resulted problems (traffic congestion, delays, environmental burdening).

2007 **“East Mediterranean Motorways of the Seas – East Mos”**: The study objective is the designation of Motorways of the Sea for the east Mediterranean and their realization in accordance to the specifications and requirements that have been set for the TransEuropean Transport Networks (TEN-T). Five countries participate in the study – Greece, Italy, Slovenia, Cyprus and Malta. In the context of this goal, amongst others, the implementation stages of the study are the designation of MoS in the area and the evaluation of MoS Projects and Preparation of East Mediterranean Master Plan (2007).

2007 **“PROMIT: Promoting Innovative Intermodal Freight Transport”**: initiating, facilitating and supporting the coordination and cooperation of national and European initiatives, projects, promotion centres, technology providers, research institutes and user groups related to this most complex transport form. The strategic PROMIT objective is to contribute to a faster improvement and implementation of intermodal transport technologies and procedures and to help promoting

- intermodal logistics and mode shift by creating awareness on innovations, best practices and intermodal transport opportunities for potential users as well as for politicians and for the research community. Responsibilities: Cluster 3 - Information and Communication Technology, aiming to establish and unify the technologies deployed at intermodal freight terminals and networks and Participation on the Work Packages related to the promotion of best practices and development of a common strategic framework in the European intermodal transport domain (2007).
- 2007-2008 **“Short – term interferences for the improvement of the level of road safety in black spots in Thessaloniki Greater Area”**: Study on the road safety level of nodes and road sections of the Thessaloniki greater area, in order to identify the most dangerous ones and to propose measures for the upgrading of their road safety level (assigned by DMEO, Hellenic Ministry for the Environment, Physical Planning and Public Works, May 2007 – Open contract).
- 2006-2007 **“Traffic Master Plan for Belgrade (SMARTPLAN)”**: Creation and provision of a base for decision on the upgrading of the transportation network in the city of Belgrade. Analysis and modelling of the current situation and the creation of alternative scenarios concerning the development of the Belgrade future transportation system based on the use of the existing transport model of Belgrade and the software (VISUM), (assigned by BEOLAND, December 2006 – Open contract).
- 2006-2008 **“Strengthening the administrative capacity of Cyprus Port Authority”**: Elaboration of studies on organization, administration and management of ports / ports services and training of actors involved port services in Cyprus, (assigned by Republic of Cyprus, Ministry of Communications and Works, Department of Merchant Shipping, October 2006 – Open contract).
- 2006 **“Investigation and planning of a new truck parking area in Thessaloniki’s Port Authority Container Terminal”**: Creation of alternative scenarios, proposing different places where the new parking area of the Thessaloniki Port Authority Container Terminal should be settled in, assigned by Thessaloniki Port Authority (2006).
- 2006 - 2007 Traffic and signalization studies in the context of the Project **“Study, Construction and Commissioning of Thessaloniki Metro”**: Study of the traffic impact and presentation of the alternative scenarios of managing traffic during the construction of the Thessaloniki Metro with the aid of a simulation software and with the aid of the optimization of the traffic signals in the study area of the construction sites, (assigned by METHODOS S.A., July 2006 / Open contract).
- 2005 - 2006 **“Study on rail corridor IX: inspection and techno-economical evaluation of the exploitation characteristics with an emphasis on the section Alexandroupolis – Sofia – Bucharest – Kiev – Moscow”**, assigned by Hellenic Railways (2005 - 2006).
- 2005 **“Management and maintenance of the integrated quality control system of the Hellenic Railways infrastructure for years 2003-2005”**: Study on the improvement and extension of the complete quality control system, the management and maintenance of the complete quality control system of the Hellenic Railways infrastructure for years 2003-2005 and the theoretical evaluation for the years 2006 and 2010, assigned by OSE (Hellenic Railways Organization) and the Hellenic Institute of Transports – Centre for Research and Technology Hellas, (2005).
- 2005 **“Monitoring System for Service Quality Indicators for Passengers for the Greek Railways (OSE)”**: Collection, processing and quantitative analysis of the data that enables OSE to evaluate, for a specific time period in the past, the quality of the provided services to the passengers (actual evaluation), to forecast, for a future period or for a specific future year, the quality standard of its services provided to the passengers (theoretical evaluation), to estimate for two or more time periods in the past their differences compared with specified targets in order to evaluate the effectiveness of the measures which had being set for the defined services (comparative evaluation), assigned by Aristotle University of Thessaloniki (2003-2005).

EDUCATION AND TRAINING

2010-today	PHD thesis - 'Multi-optimization techniques for the design of an intermodal Freight Center network in the SE Europe territory' - University of Thessaly, Faculty of Civil Engineering, Volos, Greece
2004	Msc in Transport engineering - 'Planning Organization and Management of Transportation Systems', Aristotle University of Thessaloniki, Faculty of Civil Engineering, Thessaloniki, Greece
2003	5-year diploma in 'Civil Engineering' , University of Thessaly, Faculty of Civil Engineering, Volos, Greece

FIELDS OF SPECIALIZATION

- Freight / Intermodal – Combined – Multimodal transport and logistics
- Decision making techniques
- Traffic planning and designing
- Transportation Research projects
- Supply chain visibility
- Transportation software
- Data collection, evaluation and analysis
- Road Safety (ADAS & driving simulators)
- Telematic Applications
- Socio-economic studies implementation
- Development and Networking of Intermodal Freight Transport and distribution Centers
- City and port logistics
- Planning and designing in urban and interurban environment
- Conference coordination (5th ICTR, 2010; 1st / 2nd / 3rd CSUM, 2012 / 2014 / 2016)

ARTICLES, PUBLICATIONS AND / OR CONFERENCE PROCEEDINGS (WITH PEER REVIEW)

Gogas A. Michael, Eftihia G. Nathanail, "**Evaluation of Urban Consolidation Centers: A methodological framework**", 16th Conference on Reliability and Statistics in Transportation and Communication, RelStat'2016, 19-22 October, 2016, Riga, Latvia.

Eftihia G. Nathanail, Gogas A. Michael, Adamos Giannis, "**Assessing the Contribution of Urban Freight Terminals in Last Mile Operations**", Transport and Telecommunication Journal The Journal of Transport and Telecommunication Institute, Volume 17, Issue 3 (Sep 2016), Published Online: 2016-06-28

Eftihia G. Nathanail, Adamos Giannis, Gogas A. Michael, "**A novel approach for assessing sustainable city logistics**", World Conference on Transport Research - WCTR 2016 Shanghai. 10-15 July 2016

Gogas A. Michael, Adamos Giannis, Eftihia G. Nathanail, "**Assessing the performance of intermodal city logistics terminals in Thessaloniki**", 3rd Conference on Sustainable Urban Mobility (3rd CSUM), May 26 – 27, 2016, Volos, Greece

Eftihia G. Nathanail, Gogas A. Michael, Adamos Giannis, "**Smart Interconnections of**

Interurban and Urban Freight Transport Towards Achieving Sustainable City Logistics", 6th Transport Research Arena (TRA), April 18-21, 2016 & Transportation Research Procedia, Volume 14, 2016, Pages 983–992, doi:10.1016/j.trpro.2016.05.078

Gogas A. Michael, Adamos Giannis, Eftihia G. Nathanail, "**Urban freight terminals: A sustainability cross-case analysis**", 2nd International Conference Green Cities 2016 – Green Logistics for Greener Cities, Szczecin, Poland, March 2-3, 2016

Gogas A. Michael, Eftihia G. Nathanail, Konstantinos N. Papoutsis, "**Multi-stakeholder Assessment of Smart Solution in Urban-Interurban Freight Transportation Interfaces**", 7th International Congress on Transportation Research (ICTR), Athens, Greece, November 5-6, 2015

Eftihia G. Nathanail, Gogas A. Michael, Adamos Giannis, "**Life cycle evaluation of urban logistics processes**", 15th International Conference RELIABILITY and STATISTICS in TRANSPORTATION and COMMUNICATION (RelStat'15), 21-24 October 2015, Riga, Latvia

Konstantinos N. Papoutsis, Gogas A. Michael, Eftihia G. Nathanail, "**Market uptake of ICT usage in supply chains**", Rivista Internazionale di Economia dei Trasporti / International Journal of Transport Economics, 42(1): 45-59, March 2015

Gogas A. Michael, Eftihia G. Nathanail, Konstantinos N. Papoutsis, "**Optimization of decision-making in port logistics terminals: using analytic hierarchy process for the case of port of Thessaloniki**", Electronic Scientific Journal "Transport and Telecommunication", Issue Nr 15(4), November 2014

Gogas A. Michael, Eftihia G. Nathanail, Konstantinos N. Papoutsis, "**Investigation of Stakeholders' View towards the introduction of ICT in Supply Chain using Analytic Hierarchy Process**", Journal of Traffic and Logistics Engineering, Vol. 2, No. 2, pp. 113-119, June 2014

Gogas A. Michael, Eftihia G. Nathanail "**Multilevel multicriteria design of intermodal transport Freight Center networks**", International Conference on Engineering and Applied Sciences Optimization (OPTi 2014), Kos Island, Greece, 4-6 June 2014

Gogas A. Michael, Papadopoulos Dimitrios, Nathanail Eftihia and Papoutsis Konstantinos, **Kuehne+Nagel: Rail Tracking and Warehouse Management**, Outreach Marketplace - Market Outreach session - Transport Research Arena (TRA 2014), April, 14-17, 2014. Paris, France.

Gogas A. Michael, Papoutsis Konstantinos, Eftihia Nathanail, "**Methodological framework for the assessment of systems used for the monitoring and information provision in urban freight distribution**", 6th International Congress on Transportation Research in Greece, Thessaloniki, October 17-18, 2013

Gogas A. Michael, Papoutsis Konstantinos, Nathanail Eftihia, "**The impact of management structures and decision making models of "green" logistics terminals on their performance**", International Conference on Reliability and Statistics (RelStat), Riga, Latvia, October 16-19, 2013

Papoutsis Konstantinos, Gogas A. Michael, Nathanail Eftihia, "**Market Uptake Of ICT Usage For Enhanced Visibility On Supply Chain**", European Transport Conference, Goethe University, Frankfurt, Germany, September 30, 2013

Gogas A. Michael, Tsami Maria, Papoutsis Konstantinos, Nathanail Eftihia, "**Integrating spatial development planning of border-crossing points (BCPs): cross-case analysis between the case of Schengen and Russia - Belarus and the case of USA and Canada**", 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) & SECOTOX Conference, June, 24-27, 2013. Mykonos Island, Greece

Gogas A. Michael, Papoutsis Konstantinos, Nathanail Eftihia, "**Green urban freight transport: last mile distribution**", 1st Conference on Sustainable Urban Mobility, Volos, Greece, December 14, 2012

Gogas A. Michael, Papoutsis Konstantinos, Nathanail Eftihia (2012), “**Urban distribution concepts: a SWOT analysis on best practices of urban logistics solutions**”, 2nd International Conference on Supply Chains, Katerini, Greece, October 5-6, 2012.

Gogas A. Michael, Papoutsis Konstantinos, Eftihia Nathanail, Giannis Adamos, Paraskevi Kapetanopoulou (2012), “**A comparison study on urban-interurban interfaces on ports – The Constantza and Thessaloniki ports case studies**”, 2nd International Conference on Supply Chains, Katerini, Greece, October 5-6, 2012.

Gogas A. Michael, Eftihia G. Nathanail, “**Integrated cargo tracking and warehouse management system**”, 25th ARRB Conference, Perth, Australia, September 2012.

Gogas A. Michael, Eftihia Nathanail, “**Multi-optimization techniques for the design of freight terminals network**”, accepted for presentation and publication at the 5th International Congress on Transportation Research in Greece, Volos, September 2010

Gogas A. Michael, T. Nathanail, E. Arvanitaki, “**Applied decision support system for the selection of the optimum transportation and traffic management programs in urban areas**”, 2nd International Congress on Transportation Research in Greece, Athens, 2004.

MOTHER TONGUE	Greek	
OTHER LANGUAGES		
	ENGLISH	French
Reading skills	EXCELLENT	BASIC
Writing skills	EXCELLENT	BASIC
Verbal skills	EXCELLENT	BASIC
TECHNICAL SKILLS AND COMPETENCES <i>With computers, specific kinds of equipment, machinery, etc.</i>	MS OFFICE EMME – 2 AUTOCAD VISUM / VISSIM (ELEMENTARY) ARC GIS	
DRIVING LICENSE(S)	Yes (B)	