

PERSONAL INFORMATION	
Name	DR. GIALAMA TATIANA - IOANNA
Address	KIMONOS 34, FLAT 301, 2006, STROVOLOS, NICOSIA, CYPRUS
Telephone	(+357) 96 570260
E-mail	gialamaki@yahoo.gr
Nationality	Hellenic
Date of birth	27/01/1980
Family Status	Married
EDUCATION	
2008 – 2014	<p>NATIONAL TECHNICAL UNIVERSITY OF ATHENS, SCHOOL OF CIVIL ENGINEERING, DEPT. OF TRANSPORTATION PLANNING AND ENGINEERING</p> <ul style="list-style-type: none"> ▪ Ph.D.: Railway Engineering
2006 – 2007	<p>ARISTOTLE UNIVERSITY OF THESSALONIKI, SCHOOL OF CIVIL ENGINEERING</p> <ul style="list-style-type: none"> ▪ M.Sc.: Planning, Organization and Management of Transportation Systems (Transportation Engineering) Grade: 7.78 out of 10.
1998 – 2004	<p>ARISTOTLE UNIVERSITY OF THESSALONIKI, SCHOOL OF CIVIL ENGINEERING</p> <ul style="list-style-type: none"> ▪ M. Eng.: Civil Engineering Grade: 6.73 out of 10
1994 – 1997	<p>19th LYCEUM OF THESSALONIKI, GREECE</p> <ul style="list-style-type: none"> ▪ School Leaving Certificate Grade: 19 out of 20.
WORK EXPERIENCE	
2017 – now	<p>Ministry of Transportation, Communication and Works, Department of Public Works, Nicosia, CYPRUS</p> <p><u>Position: Scientific Associate</u></p> <p>Contribution, Management and Coordination of a European Project (Horizon 2020) for the establishment of a Transport Analytics Centre of Excellence (TrACE) in Cyprus.</p> <ul style="list-style-type: none"> • Managing together with the Project Coordinator the consortium; • Maintaining strong relationships with project partners; • Ensuring appropriate monitoring, documentation and evaluation of the project; • Ensuring timely delivery of project outputs including by monitoring the delivery of work by partners and by contributing to outputs; • Promoting the wide dissemination of project outputs and publications; • Monitoring developments in the region with a view to identifying potential partners and opportunities for cooperation and engagement;

2017 – now

**University of Nicosia, School of Sciences and Engineering,
Department of Engineering, Cyprus**

Position: Part Time Faculty Member

Teaching the following courses:

- Road and Highway Engineering;
- Transportation Plan and Design.

2014 – 2017

**The University of Birmingham, Centre for Railway Research
and Education, UK**

Position: Teaching Fellow

- Contribute to the planning and development of the new activities of the Centre;
- Support module development and other course/student related activities;
- Support the course administrators regarding the student services;
- Support recruitment of students through interviews and outward facing activity;
- Contribute to the teaching and tutoring on the MSc in Railway Risk and Safety Management in the track and rolling stock areas;
- Contribute to the teaching and tutoring on the MSc in Railway Systems Engineering and Integration as appropriate;
- Develop new teaching materials and supported team exercises for both MSc courses;
- Supervise dissertations in my own area of expertise;
- Came up with the concept, created and contribute to the Railway Engineering and Academic Skills Primer Course, delivered first time in September 2015;
- Contribute to the development and delivery of railway short courses both on campus and outward facing activity;
- Manage the MSc Programme in Railway Risk and Safety Management together with the Director of Education;
- Manage the new version of the RSSB Wheel Rail Interface Handbook.

2008 – 2014

National Technical University of Athens, GREECE :

Position: PhD Candidate

Assistant work in the following courses:

- Railway Engineering;
- Operation of public transportation network;
- Railways-Special subjects.

Position: Research Staff

Participation as a team member in NTUA research projects that require the collection and analysis of traffic, environmental and techno-economic data.

2009-2012

ALCONSOFT SA, Athens, GREECE :

Position: External Collaborator

Consulting, Supporting and Training Instructor in Engineering Software with the following applications:

- Cost and Quantities Pre-Estimation;
- Quantities Surveying;
- Bill of Quantities Preparation;
- Cost Estimation;
- Projects' and Tenders' Documents Preparation.

2004 – 2008

CH.KAIRIDIS&SONS CO. Construction Company-Quarries

Position: Civil Engineer

Management, Coordination and Supervision of Road Construction Projects (Section: North Greece).

Working as Site Engineer for Road Construction Projects with main duties:

- Site management;
- Setting out;
- Levelling and surveying of the site;
- Quantity surveying;
- Projects' Planning (works schedule, plant assignment etc.) in order to meet agreed deadlines;
- Projects' cost control;
- Progress reports preparation;
- Liaising with the local authorities and clients;
- Managing the projects' documents;
- Overseeing quality control and health and safety issues;
- Overseeing the requisitions of materials and plant;
- Subcontractors control (monitoring of the executed work and contracts control);
- Supervising the site labour force;
- Resolving unexpected technical difficulties and site problems.

RESEARCH ACTIVITIES

2008 - 2009

- "Investigation of the potential siting of 'Corfu International airport' at the area of Lefkimmi." *Member of the research-writing team.*
- "Investigation of the measure of road pricing for the city of Athens." *Member of the research team: Review of the international experience.*
- "AATT 2008-10: International Conference on the application of innovative technologies in transport." *Member of the coordination team.*
- "Evaluation of pilot operation of the subway lines during the midnight hours." *Member of the research team: field measurements and questionnaire survey.*
- "Scientific support for the training of drivers of heavy vehicles." *Member of the research team: Analysis of the requirements in order to adjust to Directive 2003/59 E.U.*
- "Scientific support for the training of drivers of heavy vehicles." *Member of the research team: Review of Greek and European legislation on heavy vehicles driver licensing.*

PUBLICATIONS

(forthcoming)

Gialama, T. I., Liberis K. (Forthcoming). "Geometrical Determination and Numerical Calculation of the Wheel-Rail Contact Surface". IJR International Journal of Railway.

2011

Dimitriou, L., Z. Christoforou and T. Gialama (2011). "Optimal Possibilistic Wagon Management Model for Stochastic Railway Networks". International Meeting on Rail Transport Technology (RAILSPAIN), Zaragoza, Spain.

2011

Gialama, T., Z. Christoforou, and L. Dimitriou (2011). "Art and Archaeology at Metro Stations: The example of Athens". International Meeting on Rail Transport Technology (RAILSPAIN), Zaragoza, Spain.

2011

Liberis, K. and T. Gialama (2011). "The restructuring of the railway

<p>2010</p> <p>2008</p>	<p><i>organizations in the international transport market". Newsletter H.I.T.E., 175, 10-16.</i></p> <p>Liberis, K. and T. Gialama (2010). "<i>Railway Transport & Environment – The international experience</i>". Newsletter H.I.T.E., 174, 6-11.</p> <p>Gialama, T., X. Pyrgidis and A. Stathopoulos, 2008, "<i>Athens tramway-Evaluation of the provided level of service-recommendations for improvement</i>". Proceedings of the 4th International Conference on Transport Research in Greece, 515-524.</p>
ACADEMIC WORKS	
<p>2014</p> <p>2007</p> <p>2004</p>	<p>"Investigation of the wheel-rail interface and the developing contact stresses." Doctoral Thesis (NTUA)</p> <p>"Athens tramway - Evaluation of the provided level of service - Recommendations for improvement." Postgraduate Thesis (AUTH)</p> <p>"Quality Management and Quality Control Systems - Design and application in the laboratories of geotechnical projects." Undergraduate Thesis (AUTH)</p>
OTHER SKILLS	
<p>LANGUAGES</p> <p>COMPUTER SKILLS</p> <p>DRIVING LICENCE</p>	<p>GREEK: Excellent (Mother Tongue) ENGLISH: Proficiency Michigan - TOEFL IB (95/120) GERMAN: Mittelstufe - Goethe Institut SPANISH: Basico - Instituto Cervantes ARABIC: First Level - National & Kapodistrian of University Athens</p> <p>BASIC: MICROSOFT OFFICE CAD SOFTWARE: AUTOCAD PROJECT MANAGEMENT - COSTING: ConstrAXION, ExtrAXION, ErgoXP TACHOMETRY: GEOCALC STATISTICAL ANALYSIS: SPSS DATABASE MANAGEMENT: MICROSOFT SQL SERVER</p> <p>AUTOMOBILE</p>
PROF. ASSOCIATIONS	
<p>Technical Chamber of Greece</p> <p>Technical Chamber of Cyprus</p> <p>Hellenic Union of Civil Engineers</p> <p>Hellenic Institute of Transportation Engineers</p>	<p>Member (Civil Engineer)</p> <p>Member (Civil Engineer)</p> <p>Member (Civil Engineer)</p> <p>Member (Transportation Engineer)</p>

References

Prof. Felix Schmid

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Dr. Charles Watson

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Web: www.birmingham.ac.uk/research/activity/railway

As. Prof. Konstantinos Liberis

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