

PERSONAL INFORMATION

Georgia Aifadopoulou



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Sex Female | Date of birth 13/08/1963 | Nationality Greek

JOB APPLIED FOR  
POSITION  
PREFERRED JOB  
STUDIES APPLIED FOR

WORK EXPERIENCE

2014 – today

**Research Director, Head of Sector 'Surface Transport & Networks', Deputy Director of HIT**

Centre for Research and Technology Hellas - Hellenic Institute of Transport  
6th Km Charilaou - Thermi Rd., 57001 Thermi

- Transport planning and Organization/Management of Transport systems

[Research Institute](#)

2011 – today

**Managing Director of Thessaloniki Technology Park S.A.**

- Technology Transfer & Innovation up-taking

2007 – 2014

**Principal Researcher B', Head of Sector 'Surface Transport & Networks'**

Centre for Research and Technology Hellas - Hellenic Institute of Transport  
6th Km Charilaou - Thermi Rd., 57001 Thermi

- Transport planning and Organization/Management of Transport systems

[Research Institute](#)

2005 – 2007

**Principal Researcher C', Head of Sector 'Intelligent Transport Infrastructure & Demand Management**

Centre for Research and Technology Hellas - Hellenic Institute of Transport  
6th Km Charilaou - Thermi Rd., 57001 Thermi

- Transport planning and Organization/Management of Transport systems

[Research Institute](#)

1995 – 2004

**Managing Director**

Transeuropean Unit of Thessaloniki – TRUTH S.A.  
78 Vrioulon & 40 K. Karamanli Str. Kalamaria, Thessaloniki

- Managing and coordinating EU funded research projects as well as studies on transport policy and transportation systems

[Consultants](#)

EDUCATION AND TRAINING

2002

**PhD in Civil & Transportation Engineering**

Aristotle University of Thessaloniki

- Thesis: Implementation of expert systems and techniques on fleet routing and scheduling problems of transport fleets

1992-1993 **Bachelor in DataBases Management & GIS Technology**

Informatics Sector. Electrical Engineering Department of the Aristotle University of Thessaloniki

1987-1988 **MSC in Transportation Planning and Engineering**

D.E.A. Ecole Nationale des Ponts et Chaussees (E.N.P.C. Paris).

1986-1987 **Postgraduate Studies in Informatics**

University of PARIS VII – Maitrise Informatique , Diplome Etudes specialise en Informatique

1981-1986 **Bachelor of Civil Engineering Department**

National Technical University of Athens

- Specialization on Transport Engineering

PERSONAL SKILLS

Mother tongue(s) Greek

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	C1	C1	C1	C1	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

- Specializes in
- Freight Transport & logistics
  - Sustainable Mobility
  - Transport Systems management
  - Intelligent Transport Systems
  - Operations Research
  - Transport systems resilience

Computer skills EMME/2, MOTORS, TRANSYT, SIDRA, KEY, ARC-INFO  
 FORTRAN77, PASCAL, COBOL

**Memberships**

- Member of the CERTH Board of Directors
- President of the CERTH Association of Researchers (SEREKETA)
- Member of the Association of Greek Researchers ([www.eee-researchers.gr](http://www.eee-researchers.gr))
- Member of the candidates Evaluation Committee for the Research and Innovation Council of RCM
- Member of the Hellenic Institute of Transportation Engineers (vice-President for the period 1994-1996)
- Technical Chamber of Greece (T.C.G.)
- Permanent Regional Development Committee of the T.C.G.
- National Association of Civil Engineers
- Hellenic Institute of Transportation Engineers (Vice-president for the period 1994-1996)
- Civil Engineer Alumni Association, Grandes Ecole, France
- Alumni Association, Ecole des Ponts et Chausses

**ADDITIONAL INFORMATION**

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## Participation in studies

1. «Evaluation of the White Paper 'Roadmap to a Single European Transport Area – Towards a competitive and resource efficient transport system (N° MOVE/B1/2018 – 516)». Member of the consultant's team responsible for EU transport & mobility policy assessment through selected case studies evaluation. Ex-post analysis of transport and mobility networks competitiveness and environmental sustainability after the policy implementation.
2. Scientific responsible to the study entitled «Advisor for the Ex-ante evaluation of the Operational Program Transport Infrastructure Environment and Sustainable Development (2014-2020)».
3. Scientific responsible to the study entitled: «Safe and Secure Parking Places for Trucks»
4. Scientific responsible to the study entitled: «Integrated Mobility Master Plan of Nicosia»
5. Scientific responsible to the study entitled «Technical consultant to the Ministry of Transport and Telecommunications for the implementation of the Thessaloniki Public Transport Master Plan». Assigned by the Ministry of Transport.
6. Scientific responsible to the study entitled «Accessibility review and report for the new Chalkidiki Intercity Coaches (KTEL) East Thessaloniki terminal station»
7. Scientific responsible to the study entitled «Extension of OASTH routes in Municipalities in Thessaloniki that are not covered by the existing network of urban transport». Assigned by the Association of Local Authorities (TEDK).
8. Scientific responsible to the study entitled: «Provision of technical support to the Greek Railways in the framework of the South East Europe Cooperation Process (SEECF) for the establishment of a high performance railway network in South East Europe» (Assigned by the Greek Railways to HIT)
9. Scientific responsible to the study entitled: «Design of the national electronic road matrix (assigned by the Greek Ministry of Environment, Physical Planning and Public Works)
10. Scientific responsible to the study entitled: «Technical consultant for intelligent transport system design, implementation management and monitoring». Assigned by the Municipality of Trikala.
11. Scientific responsible to the study entitled: «Socio-economic study for the construction of the vertical axis Siatista – Krystallopigi». Assigned by EGNATIA ODOS S.A.
12. Scientific responsible to the study entitled: «HIT portal for the management and processing of data». Assigned by GSRT
13. Scientific responsible to the study entitled: «Integrated system for quality assessment of the OASTH passenger services». Assigned by SASTH.
14. Coordinator of the study entitled: «Socio-economic evaluation of the West Railway Corridor of Greece». Responsible for the calculation of passenger flow.
15. Technical manager of the study entitled: "Planning Study for the development of the Port System in Eastern Greece".
16. Technical advisor to the Ministry of Transport and Communications for the support and promotion of the Greek projects submitted to the HLG for the revision / extension of the Transeuropean Networks (High Level Group TEN Committee).
17. Coordinator of the study entitled: «Provision of technical support to OSE in the procedure of submission and evaluation of the project of the West Rail Axis as a priority project in the Transeuropean Transport Networks». Assigned by the Greek Railways.
18. Participation in the study entitled: «Consulting services for carrying out additional studies for the urban sea transport system». Responsible for the stated preference survey conduction and for the passenger movement estimation for the alternative scheduling scenarios. Assigned by the RCM.
19. Coordinator of the study entitled: «Feasibility Study for the Construction of Railway and Port Terminal Infrastructure and the Creation of EU Intermodal 'Gate' in South East Europe». Responsible for the O-D matrix passenger flow configuration and the future demand forecast. Assigned by OSE.
20. Expert the study entitled: «Transport consulting services for the implementation and monitoring of the improvement and modernization of the Greek Railways». Assigned by the Greek Railways (OSE).
21. Substitute project manager for the study entitled: «Consulting services for the demand recording and submission of an integrated Safety Plan of OSE, scalable - before, during and after the 2004 Olympic and para-Olympic Games». Assigned by the Greek Railways.
22. Coordinator of the study entitled "Specialized transport consulting for self-financing of motorways in Greece". Responsible for the O-D and Stated Preference survey. Assigned by the SDG - NAMA - SALFO consortium.
23. «The Business Plan for the Road Safety for the Ministry of Environment, Planning and Public Works», D3-YPEHODE (Ministry of Environment, Planning and Public Works), (type of involvement: Coordinator)
24. «Feasibility Study for the Evaluation of the Alternative Scenarios for the structure of the Liner Shipping of small islands in Aegean Sea (unprofitable network)», Ministry of Aegean, (type of involvement: Research Engineer)
25. "Development of a management system for National maritime transport in Greece (SETHAM)" Assigned by the Ministry of Mercantile Marine (type of involvement: Coordinator).
26. «Feasibility study for the development of a combined transport system entitled "Adriatic – Ionian Corridor"». Assigned by the Greek Ministry of Transport (type of involvement: Coordinator).

27. "Implementation of AVL system and fleet management application for Public Transport Operator of Thessaloniki (OASTh)". Assigned by OASTh (type of involvement: Research Engineer).
28. "Design of a Public Transport network in the new Kapodistrian Municipalities that are not served by OASTh". Assigned by the Organisation for Master Plan and Environmental Protection of Thessaloniki (type of involvement: Research Engineer).
29. «Extension of the "General transportation and traffic study for the greater Thessaloniki area" contract». Assigned by the Organisation for Master Plan and Environmental Protection of Thessaloniki (type of involvement: Research Engineer).
30. "General transportation and traffic study for the greater Thessaloniki area", Organisation for Master Plan and Environmental Protection of Thessaloniki (type of involvement: responsible for stated preference survey, modelling).
31. "Master Plan study for the parking system of Thessaloniki, Greece – Phase B". Project assigned by the Municipality of Thessaloniki and the Ministry of the Town Planning and Environmental Protection to the Aristotle University of Thessaloniki, (type of involvement: External Consultant, responsible for the formulation of parking policy for roadside parking).
32. "Master Plan Study for the Identification of the Potential Market of the Port of Volos and the increase of its internal productivity". Port of Volos, Greece. Responsible for the Passenger Traffic Market identification.
33. "Evaluation of the feasibility of the Rion-Antirion bridge". Project assigned by the GTMI, France, (type of involvement: Responsible for the selection of the methodology to be applied and its justification to the European Investment Bank).
34. "Strategic Master Plan Study for Transport infrastructure Development in Greece - GREECE 2010" Ministry of National Economy, (type of involvement: Member of the study team).
35. "Trip characteristics in the Greater Thessaloniki Area". A study assigned by the Organisation for the Master Plan Implementation and the Environmental Protection of the Metropolitan Area of Thessaloniki, (type of involvement: member of the study team).
36. "Association for the Management of the Public Transport Network of the cities of France" (Association pour la Gestion Idependant des Reseaux de France-A.G.I.R.- Paris). Master thesis work on the financing of the small and medium size Public Transport Networks of France.

Coordination of Research & EU funded Projects

1. «NOVELOG – New cooperative business models and guidance for sustainable city logistics», H2020, **Project Coordinator**
2. «SMART CM - Smart Container Chain Management», FP7 by DG RTD, **Project Coordinator**
3. "POSEIDON – European Project On Integrated VTS, Sea Environment and Interactive Data On-line Network", EU, DG XIII TR1041, **Project Coordinator**
4. «Intelligent Transport Systems in South East Europe – SEE-ITS» SEE program, **Project Coordinator**
5. «Rail Hub Cities for South East Europe - RAIL4SEE» SEE program, **Technical Manager**,
6. «E-mobility solutions – EASYTRIP», Cross Border Cooperation Program, **Project Coordinator**
7. «i-student - INTEGRATED SYSTEM FOR SECURE AND SAFE STUDENT TRANSPORTATION», GR General Secretariat of Research & Development, **Project Coordinator**.
8. «IMONODE: Efficient Integration of Cargo Transport Modes and Nodes in CADSES area» INTERREG IIIB – CADSES, European Initiative on Transnational cooperation in SE Europe. **Technical Coordinator**.

Participation to Research & EU  
funded Projects since 2004

9. «Cooperative Mobility Pilot on Safety and Sustainability Services for Deployment - Compass4D» FP7, Pilot Manager - Scientific responsible of the project in CERTH
10. «LOGistics INNOvation uptake - LOGINN» FP7, WP leader Innovative Business models in Logistics- Scientific responsible of the project in CERTH
11. «Management of Weather Events in the Transport System – MOWE-it» FP7, WP leader, Scientific responsible of the project in CERTH
12. «Freight and passengers sUpporting infomobiliTY systems for a sUstainable impRovEment of the competitiveness of port-hinterland systems of the MED area – FUTUREMED» MED Program, WP leader, Scientific responsible of the project in CERTH
13. «High Efficient and Reliable arrangeMEnts for CroSsmodal Transport - HERMES», F.P. 7, WP leader, Scientific responsible of the project in CERTH
14. «Weather Extremes: Assessment of Impacts on Transport Systems and Hazards for European Regions - Weather» FP7, WP leader Scientific responsible of the project in CERTH
15. «Improving productive clusters accessibility to global market - Backgrounds» MED Program, WP leader Scientific responsible of the project in CERTH
16. «Urban freight energy efficiency pilot - FREILOT» FP7, WP leader Scientific responsible of the project in CERTH
17. «Co-modality Towards optimised integrated chains in freight transport logistics – Komoda».
18. «Mobility Centre Network - Mobinet» FP7 Scientific responsible of the project in CERTH
19. «Science Shop for Innovative Mobility Solutions for Mobility Challenged Europeans – In-Mosion» FP7, Scientific responsible of the project in CERTH
20. «New monility sceneries in the FREE trade zone in MEDiterranean basin - FREEMED». INTERREG IIIB ARCHIMED programme, Scientific responsible of the project in CERTH
21. «MULTI-modal transport passenger information systems for metropolitan GATEways - MULTIGATE». INTERREG IIIB ARCHIMED programme, Scientific responsible of the project in CERTH
22. «Land and Sea monitoring for Environment and Security - LIMES». FP6, Scientific responsible of the project in CERTH
23. «Cooperative systems for road safety "Smart Vehicles on Smart Roads - SAFESPOT». FP7 WP Leader, Scientific responsible of the project in CERTH
24. «Dangerous Goods Transportation Routing, Monitoring and Enforcement - GOODROUTE». EC / DG IST, Quality Assurance manager
25. «A Catastrophe Response and recovery transport and logistics decision support system - RESCUE». INTERREG Program, Scientific responsible of the project in CERTH
26. Scientific responsible to the research project entitled «Implementing Change in the European Railway System – REORIENT». FP6 Scientific responsible of the project in CERTH
27. «INTELLECT - System For Combined Passenger Transport Intelligent Intermodal Travel Planning and Reservation». INTERREG program, Scientific responsible of the project in CERTH

## Participation in Research &amp; EU funded projects before 2004

28. Quality Assurance manager of the European research programme «IMAGE-Intelligent Mobility Agent for complex Geographic Environments», IST, 5th Framework programme.
29. Demonstration manager of the research programme «GIFTS – Global Intermodal Freight Transport System», European Commission, IST programme.
30. Participation in the project entitled: «TRANSLOGNET - Transportation and transport nodal points Logistics management network», INTERREG II.
31. «SWAN - Standardization dissemination Support Actions for Waterborne Telematics Networks and Applications», EU, General Information Society (type of involvement: Research Engineer).
32. «THEMES - Thematic Network on Intermodal Transport», EU, DG VII (type of involvement: Research Engineer).
33. «WORKFRET - WORKing cultures in the face of intermodal FREight Transport systems», EU, DG VII Transport Programme ST-96-AM-1092, (type of involvement: Quality Control Manager, also responsible for technology assessment network)
34. «INTERPORT – Integrating Waterborne Transport in the Logistics Chain», EU, DG XIII, ATT Programme, (type of involvement: User Requirement Assessment, Transport Chain Modelling)
35. «EUROBORDER – The port as a hub in the International Transport Chain», EU, DG VII, (type of involvement: Transport Chain Modelling)
36. «IN-RESPONSE – Incident response with on-line innovative sensing», EU, DG XIII TR 1030, (type of involvement: Assessment of User Requirements, Guidelines for System Architecture Design)
37. «CONCERT - Co-operation for Novel City Electronic Regulating Tools», EU, DG XIII, ATT Programme, Prj. No. TR 1013, (type of involvement: pilot site manager).
38. «TRACAR - Traffic and Cargo Supervision System», EU, DG XIII, ATT Programme, (type of involvement: Assistant Evaluation Manager).
39. «TELEFLOW - TELEmatics supported workFLOW analysis and business process enhancement», EU, DG XIII, ATT Programme, (type of involvement: External consultant to TRD International SA for system architecture design).
40. DRIVE II Project with the title «TELAID - TELEmatic Applications for the Integration of Drivers with special needs», EEC/DG XIII (type of involvement: Research Engineer).
41. Integrated Mediterranean Programmes on Informatics Applications in the Private Sector (I.M.P.I.A.P.S. P-2026) with the title "Software Development for the Vehicles Routing and Scheduling in the Physical Distribution Domain". EEC (type of involvement: Technical Manager, responsible for the system design).
42. ESPRIT Project P-2111 with the title «PONTIFEX - Planning Of Non-specific Transportation by an Intelligent Fleet EXpert», focused on the application of Artificial Intelligent and Operation Research to the Fleet Management. Main areas of interest are the Airlines Industry and Road Freight Transport. E.E.C (WP Leader- Expert on Road Freight Transport Routing and Scheduling techniques).
43. DRIVE Project V-1035 with the title " CHRISTIANE - Motorway Traffic Flow monitoring and Control", mainly focused on ramp metering. EEC (type of involvement: Research Engineer).
44. «COMMUNITY SAFETY AWARENESS PROGRAMME», Responsible of Road safety education. Assigned by TAP A.G.
45. «i-student - INTEGRATED SYSTEM FOR SECURE AND SAFE STUDENT TRANSPORTATION». (COOPERATION 2011)
46. «Development of traffic surveillance tool for congestion management on road networks (TrafficPrognosis)». Assigned by GSRT
47. «Research and Application of Intelligent Technologies for Green Port Development». Assigned by GSRT
48. Senior researcher for the study entitled «Technical Advisor for the Provision of Expert Services for the Characteristics of the Transport Market and the Support of the Ministry of Infrastructure, Transports and Networks in the Provision of Data to DG Competition in relation to TRAINOSE». Assigned by TRAINOSE.
49. Technical coordinator for the study entitled «Provision of services for the Planning of Inter-Urban Public Transport in the TransEuropean Network (TEN-T) of Cyprus». Assigned by the Ministry of Communications and Works, Cyprus.
50. Coordinator for the study entitled «Study for the optimization of the pupils' transport system, towards the effective implementation of the envisaged School of the 21st century». Assigned by the Greek Ministry of National Education and Religious Affairs.
51. Scientific responsible to the study entitled «Operation of the Mobility Center Network 2010-2011». Assigned by ANATOLIKI S.A.
52. Scientific responsible to the study entitled «Provision of special services – inspection and analysis of certain traffic data». Assigned by MLS Multimedia S.A.
53. Scientific responsible to the study entitled «Operation of the Mobility Center Network». Assigned by SASTh.
54. Technical coordinator for the study entitled «Intelligent urban mobility management and traffic control system for the improvement of the urban environment quality in the central area of Thessaloniki's agglomeration» European Economic Area

## Publications in peer reviewed magazines

1. Aifadopoulou G., Chaniotakis E., Stamos I., Mamarikas S., Mitsakis E. (2018) An Intelligent Decision Support System for Managing Natural and Man-made Disasters, *International Journal of Decision Support Systems*.
2. Salanova Grau, J.M., Estrada, M., Tzenos P., Aifadopoulou G. (2018). Agent-based simulation framework for the taxi sector modeling. *Procedia – Computer Sciences*, Vol 130, pp 294-301. [DOI:10.1016/j.procs.2018.04.042]
3. Salanova Grau J. M., Mitsakis E., Tzenos P., Stamos I., Aifadopoulou G. (2018). Multi-source data framework for network traffic state estimation and prediction. *Journal of Advanced Transportation*. vol. 2018, Article ID 9078547, 9 pages, 2018. <https://doi.org/10.1155/2018/9078547>
4. Mitsakis E., Chrysohoou E., Salanova J. M., Iordanopoulos P., Aifadopoulou G. (2017). The sensor location problem: methodological approach and application. *Transport* 31(4) pp. 1-7 [doi: 10.3846/16484142.2016.1258674].
5. Salanova J. M., Toubalidis J., Chaniotakis E., Karanikolaos N., Aifadopoulou G. (2017). Correlation between digital and physical world, case study in Thessaloniki. *Journal of Location Based Services*. Vol 11, No. 2, pp 118-132. [DOI: 10.1080/17489725.2017.1420257]
6. E. Gagatsi, G. Giannopoulos, G. Aifadopoulou, G. Charalampous, Stakeholders-based policy analysis on maritime transport: from theory to practice, *Transportation Research Procedia*, Vol. 22, 2017, Pages 655-664, <https://doi.org/10.1016/j.trpro.2017.03.062>
7. Stamos I., Myrovali G., Aifadopoulou G. (2016) Formulation of roadmaps towards the enhancement of rail passenger transport, *Journal of Rail Passenger Transport Planning and Management*, 10.1016/j.jrtpm.2016.06.002
8. Stamos I., Salanova Grau J.M., Mitsakis E., Aifadopoulou G. (2016) Modeling the effects of precipitation on vehicle speed: floating car data approach, *Transportation Research Record, Journal of the Transportation Research Board*, DOI: 10.3141/2551-12
9. Salanova J. M., Rusich A., Mitsakis E., Ukovich W., Pia-Fanti M., Aifadopoulou G., Nolich M., Scala E. (2016) Evaluation framework in Cooperative Intelligent Transport Systems (C-ITS) for freight transport: the case of the CO-GISTICS speed advice service, *International Journal of Advanced Logistics*, pp.1 - 9
10. Mitsakis E., Salanova Grau J. M., Stamos I., Aifadopoulou G. (2015) An integrated framework for embedding large-scale dynamic traffic assignment models in advanced traveler information systems, *Transportation Planning and Technology*, Vol. 38 (8), pp. 866-877, doi: 10.1080/03081060.2015.1079387
11. E. Chalkia, J.M. Salanova, E. Bekiaris, G. Aifadopoulou, C. Ferarini, E. Mitsakis (2014). Routing algorithms for the safe transportation of pupils to school using school buses, *J. Wiley/ISTE* (to be published in 2015).
12. E. Mitsakis, P. Iordanopoulos, G. Aifadopoulou, I. Tyrinopoulos, M. Hatziathanasiou (2015) Current status and future prospects of ITS deployment in South-East Europe, *Transportation Research Record: Journal of the Transportation Research Board, Transportation Research Board of the National Academies*.
13. I. Stamos, G. Aifadopoulou, E. Mitsakis, M. Morfoulaki, I. Tamiakis (2015) A Land-use Approach for Capturing Future Trip Generating Poles, *Tema Journal of Land Use, Mobility and Environment*.
14. E. Mitsakis, P. Iordanopoulos, E. Mintsis, S. Mamarkias, G. Aifadopoulou (2015) Intelligent Transport Systems deployment in Thessaloniki: Assessment of costs and benefits, *Spatium*.
15. Mitsakis E., Salanova J. M., Chrysohoou E., Aifadopoulou G. (2015). A robust method for real time estimation of travel times for dense urban road networks using point-to-point detectors. *Transport* 30(3) 2015, pp. 264-272. Special Issue on Smart and Sustainable Transport.
16. Stamos I, Mitsakis E., Salanova J. M., Aifadopoulou G. (2015). Impact assessment of extreme weather events on transport networks: A data-driven approach. *Transportation Research Part D* 34 (2015) 168–178.
17. Aifadopoulou G., Stamos I., Myrovali G., Morfoulaki M. (2015) Mapping the opportunities of rail transport; a data-driven methodology for capturing rail competitiveness at European level, *Periodica Polytechnica Transportation Engineering*, Vol. 43, Issue 1, pp. 48-54
18. E. Mitsakis, J.M. Salanova Grau, E. Chrysohoou, I. Stamos, G. Aifadopoulou, (2014) Multi-criteria route choice in road networks, *International Journal of Information and Decision Sciences (IJIDS)*, Vol. 7, No. 1, 2015 pp. 3-17.
19. Aifadopoulou G., Tsoukos G., Stathacopoulos A., Bizakis A. and Gagatsi E. , ICT for greener port performance,' *Sustainable Development of Sea-Corridors and Coastal Waters- Chapter 23, Sustainable Development of Sea-Corridors and Coastal Waters: The TEN ECOPORT project in South East Europe*, Springer, ISBN, 98-3-319-11384-5
20. E.Gagatsi. N. Athanasopoulos, G.Vaggelas, G.Aifadopoulou , M. Morfoulaki, ICT for cooperative supply chain visibility within a port centric intermodal setting: The case of the Thessaloniki port-rail-dryport integration, *International Journal of Advanced Logistics, Official Journal of the Korean Society for Logistics Science and Technology*, 2014, Vol II, pages 38-48

21. E. Mitsakis, I. Stamos, J.M. Salanova Grau, Aifadopoulou G. (2014) Optimal allocation of emergency response services for managing disasters, *Disaster Prevention and Management, (DPM)*, Vol. 23 Iss: 4
  22. E. Mitsakis, A. Papanikolaou, G. Aifadopoulou, J.M. Salanova, C. Doll, G. Giannopoulos, Ch. Zerefos (2014) An integrated framework for linking climate change impacts to emergency adaptation strategies for transport networks, *European Transport Research Review* (18668887, 18670717), Vol 6: 103-111, 3 DOI 10.1007/s12544-013-0114-0
  23. E. Mitsakis, G. Aifadopoulou, J.M. Salanova Grau, E. Chrysohou, (2014) Combination of Macroscopic and Microscopic Transport Simulation Models: Use Case in Cyprus, *International Journal for Traffic and Transport Engineering (IJTTE)* Vol 4 (2) pp. 220-233
  24. Gonzalez-Feliu J., d-Arcier B. F., Salanova J. M., Herve T., Zubillaga F., Zeljko J., Thebaud J. B., Aifadopoulou G. (2013) "The deployment of urban logistics solutions from research, development and pilot results. Lessons from the FREILOT Project". *Commercial/Goods Transport in Urban Areas*, pp. 104-121. Difu-Impulse. ISBN: 978-3-88118-518-9.
  25. F.Mikiki, M. Morfoulaki, P. Papaioannou, G. Aifadopoulou, "L' importance attribuee par les usagers des transports publics a l' information fournie par les technologies avancees: Un levier pour l'investissement dans des systems cooperatifs», *Recherche Transports Securite* (accepted for publication).
  26. E. Mitsakis, A. Papanikolaou, G. Aifadopoulou, K. Chrysostomou (2013) Review of Technologies for Emergency Management of Climate Change Related Impacts on Transport Networks, *Journal of Traffic and Logistics Engineering*, vol.2
  27. E. Mitsakis, I. Stamos, J.M. Salanova Grau, E. Chrysohou, G. Aifadopoulou (2013) "Urban Mobility Indicators for Thessaloniki", *Journal of Traffic and Logistics Engineering (JTLE)* (ISSN: 2301-3680), Vol. 1 No. 2, June 2013. pp. 148 – 152
  28. I. Stamos, J.M. Salanova Grau, E. Mitsakis, G. Aifadopoulou, Y.C. Chiu (2013) "On Criticality Assessment Based Evacuation Modeling: Empirical Findings", *Journal of Traffic and Logistics Engineering (JTLE)* (ISSN: 2301-3680), Vol. 1 No. 2, June 2013. pp. 153 - 158
  29. Mitsakis E., Salanova Grau J. M., Chrysohou E., Aifadopoulou G. (2013) Application of a novel methodology for estimating travel times in dense urban road networks using point-to-point detectors, *Procedia – Social and Behavioral Sciences*
  30. Aifadopoulou G., Gagatsi E., Myrovali G., "Strengthening the competitiveness of local and regional production clusters through efficient interfaces to port and intermodal solution exploitation in the Mediterranean basin", *Elsevier Procedia - Social and Behavioral Sciences*, Volume 48, 2012, Pages 2664-2678
  31. Aifadopoulou G., Stamos I., Mitsakis E., Salanova G., "Dynamic Traffic Assignment based evacuation planning for CBD areas", *Elsevier Procedia - Social and Behavioral Sciences*, Volume 48, 2012, Pages 1078-1087
  32. E. Mitsakis, I. Stamos, A. Papanikolaou, G. Aifadopoulou, H. Kontoes (2011) "Assessment of climate change impacts and extreme weather events on transport networks: Case study of the 2007 wildfires in Peloponnesus", *Natural Hazards*.
  33. Salanova Grau, J., Estrada, M., Aifadopoulou, G., & Mitsakis, E. (September 6-9, 2011). "A review of the modeling of taxi services". *Procedia - Social and Behavioral Sciences* (ISSN: 18770428), Vol 20, pp 150-161.
  34. Salanova Grau, J., Estrada, M., Aifadopoulou, G., & Mitsakis, E. "A review of the modeling of taxi services". *Elsevier Procedia - Social and Behavioral Sciences*, Volume 20, 2011, Pages 150-161
  35. Tyrinopoulos Y., Aifadopoulou G., «A Complete Quality Control Methodology for the Passenger Services in the Public Transport Business», *Journal of European Transport (Transporti Europei)*, Number 38, 2008 (pp. 1-16).
  36. Tyrinopoulos Y., Morfoulaki M., Aifadopoulou G., "Estimation of Satisfied Customers in Public Transport Systems: A New Methodological Approach", *Journal of the Transportation Research Forum*, pp. 63-72, Volume 46, No. 1, Spring 2007.
  37. Aifadopoulou G., Chrisochou E., Ziliaskopoulos T., "A multi-objective optimum path algorithm for passenger pre-trip planning in multimodal transportation networks", (2007) *Transportation Research Board, 86th Annual Conference & Journal of the Transportation Research Board*, Issue 2032/2007.
  38. Tyrinopoulos Y., Aifadopoulou G., "A Complete Quality Control Methodology for the Passenger Services in the Public Transport Business", *ASCE magazine*
  39. Giannopoulos, G., Aifadopoulou, G., "The Inland Maritime Transport in Greece after the lifting of the Cabotage and Full Liberalisation – Part I: The Situation "Before", and Expected Impacts", *Transport Reviews*, Volume 24 – Issue 4 (July 2004).
  40. Personalized transport means selection standards in the area of Thessaloniki, *Technical Chronicles*, April 2002.
- Thesis**
1. "Political and Technical feasibility of measures in favor of Public Transport to medium size cities", DEA Transport Thesis submitted to the Ecole National des Ponts et Chaussees (ENPC). Paris, 1988.

## Presentations in Conferences &amp; Workshops

1. Ayfantopoulou G. (2019) Τάσεις στην ψηφιοποιημένη εφοδιαστική αλυσίδα, invited speaker Συνέδριο SOLUTIONS VII «Logistics beyond economic crisis: το μοντέλο της επόμενης 5ετίας», 16 Οκτωβρίου 2019
2. Ayfantopoulou G. (2019) Τα Logistics των επιχειρήσεων στη Β. Ελλάδα - Ανάγκες-τάσεις-λύσεις, invited speaker Συνέδριο SOLUTIONS VI «Εξειδικευμένα για τη Βόρεια Ελλάδα», 5 Φεβρουαρίου 2019
3. Aifadopoulou G., Papathanasiou J., Tsaples G., Parodos L., Mitsakis E., Salanova J.M. (2018), Information exchange as the key for sustainable urban freight transportation: The AEOLIX project. 16th International Logistics and Supply Chain Congress, Denizli, TURKEY, 18 October 2018.
4. Maleas G., Vlachos D., Aifadopoulou G., Salanova J.M., L. Parodos (2018), Data-driven analytics for freight transport. 16th International Logistics and Supply Chain Congress, Denizli, TURKEY, 18 October 2018.
5. Aifandopoulou G., Salanova J. M., Tsaples G., Autonomous Port Vehicle Fleet Management in Thessaloniki (2018). Conference on complex systems, Thessaloniki, 23-28 September 2018
6. G. Aifadopoulou, Ch. Bratsas , K. Koupidis , A. Chatzopoulou , J. M. Salanova, P. Tzenos, The use of neural network models on short-term prediction of the traffic status: The case study of Thessaloniki (2018). Conference on complex systems, Thessaloniki, 23-28 September 2018.
7. Ketikidis K., Salanova J. M., Aifandopoulou G., Tzenos P., (2018). Mapping “Mobility as a Service” components towards economic indicators in Europe. Copenhagen. September 17-21.
8. Salanova J. M., Theodosiou A., Aifandopoulou G., Tzenos P., Tsoukos G. (2018). Autonomous port vehicle fleet management. ITS World congress 2018. Copenhagen. September 17-21.
9. Aifandopoulou G., Salanova J. M., Kortsari A., Tzenos P., Sourtzinou N., Dalkalitsis A (2018). Multimodal cooperative safety services: location-based alert system at level crossings. Railways 2018. The Fourth International Conference on Railway Technology: Research, Development and Maintenance. 3-7 September. Sitges, Barcelona, Spain.
10. Toumpalidis I., Austwick M. Z., Wise S., Salanova J. M., Aifandopoulou G. (2018). Mobile Data, Geography, LBS, 27-29 of June. Tartu, Estonia.
11. Aifandopoulou G., Salanova J. M., Tzenos P., I. Stamos, E. Mitsakis (2018). Big and open data supporting sustainable mobility in smart cities – the case of Thessaloniki. 3rd Conference on Sustainable Urban Mobility. Skiathos, Greece on 24-25 May 2018.
12. G. Aifadopoulou, I. Stamos, Giannini M., Salanova J. M. (2018). Diagnostic of the European logistics and road freight transportation sector. 3rd Conference on Sustainable Urban Mobility. 3rd Conference on Sustainable Urban Mobility, Skiathos, Greece on 24-25 May 2018.
13. Chrysostmou K., Petrou A., Aifadopoulou G., Morfoulaki M., “Microsimulation modelling of the impacts of double-parking along an urban axis”, 4th Conference on Sustainable Urban Mobility (CSUM2018), 24 – 25 May 2018, Skiathos Island, Greece
14. G. Aifadopoulou, Ch. Bratsas , K. Koupidis , A. Chatzopoulou , J. M. Salanova, P. Tzenos (2018). Short-term prediction of the traffic status in urban places using neural network models. 3rd Conference on Sustainable Urban Mobility. Skiathos, Greece on 24-25 May 2018.
15. Aifandopoulou G., Salanova J. M. (2018). Logistics plan in cities with ports: The case of Kavala, Greece. The EWG-DSS 2018 international conference on decision support system technology & PROMETHEE days 2018. Heraklion, Greece, 22-25 May 2018.
16. Aifandopoulou G., Salanova J. M. (2018). Multi-source data framework for the estimation of risks in the transport of dangerous goods. The EWG-DSS 2018 international conference on decision support system technology & PROMETHEE days 2018. Heraklion, Greece, 22-25 May 2018.
17. Myrovali G., Tsaples G., Morfoulaki M., Aifadopoulou G., Papathanasiou J. (2018), An Interactive Learning Environment Based on System Dynamics Methodology for Sustainable Mobility Challenges Communication & Citizens' Engagement, 4th International Conference on Decision Support, System Technology – ICDSST 2018 & PROMETHEE DAYS 2018, Heraklion, Greece, 22-25 May 2018.
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19. Aifadopoulou, G., (2018), “Συνέργεια επιχειρήσεων και νέες τεχνολογίες στη νέα προοπτική ανάπτυξης των Logistics στη Β. Ελλάδα”, Invited speaker στο συνέδριο Βέλτιστες κι εφαρμοσμένες πρακτικές Logistics για την ανάπτυξη των επιχειρήσεων, Θεσσαλονίκη, 9 Μαΐου, 2018.
20. Salanova J.M, Estrada M., Tzenos P., Aifandopoulou G. (2018). Agent-based simulation framework for the taxi sector modeling. The 9th International Conference on Ambient Systems, Networks and Technologies. Porto, Portugal May 8-11.
21. Aifandopoulou G., Salanova J.M., Tzenos P., Theodosiou A., Tsoukos G., Papadopoulos C., Tsitsamis D. (2018). Management of autonomous straddle carrier fleet. Proceedings of 7th Transport Research Arena TRA 2018, April 16-19, 2018, Vienna, Austria.
22. Konstantinopoulou L., Arnas P-O., Herrero G., Huschebeck M., Westra R., Mitsakis E., Aifadopoulou G., Stamos I. (2018) Logistics information exchange platforms: insights of the

- AEOLIX project, Transportation Research Arena TRA 2018, April 16-19, Vienna, Austria.
23. Aifadopoulou G. (2018). New synergies and innovative solutions in the field of urban freight distribution. Proceedings of the SOLUTIONS V Conference, March 13, 2018, Athens, Greece.
  24. Salanova J.M., Tzenos P., Aifadopoulou G. (2018). Probe data for the estimation of pollution from road transport – the case of Thessaloniki. Conference on Air Quality – Science and Application, 12-16 March 2018, Barcelona, Spain.
  25. Ayfantopoulou G. (2018), Thessaloniki “Smart Mobility Living Labs” From Data to knowledge, invited speaker at the Urban Transport Big Data Forum, NBUT Institute of Transport (NIT) Ningbo China, March 7, 2018.
  26. Salanova Grau J.M., Moreira-Matias L., Saadallah Amal, Tzenos P., Aifadopoulou G., Chaniotakis E., Estrada M. (2018) Informed Versus Noninformed Taxi Drivers: Agent-Based Simulation Framework for Assessing Their Performance, Transportation Research Board 97th Annual Meeting, 7-11 January, 2018, Washington, USA.
  27. Hennemann S., Salanova J. M., Huther P., Tzenos P. and Aifadopoulou G. (2017). Impact assessment of cooperative services for freight transport. 12th ITS European Congress, Strasbourg, France, 19-22 June 2017.
  28. Aifadopoulou G., Salanova J. M., Tzenos P., Bratsas Ch., Koupidis K., Chatzopoulou A., Selmi L. and Papadopoulos Ch. 2017 Traffic patterns recognition through Big Data and Machine learning: case study in Thessaloniki. 1st International Workshop on Knowledge Discovery from Mobility and Transportation System KNOWme. European Conference on Machine Learning and Principles and Practice of Knowledge Discovery (PKDD). Skopje, FYROM. 18-22/09/2017.
  29. J.M. Salanova Grau, I. Stamos, P. Tzenos, E. Mitsakis, D. Margaritis, G. Aifadopoulou (2017) Εκτίμηση διελεύσεων οχημάτων από ανίχνευση Bluetooth συσκευών στην Θεσσαλονίκη, 8th International Congress on Transport Research 2017, Thessaloniki, Greece.
  30. J.M. Salanova Grau, P. Tzenos, E. Chaniotakis, E. Mitsakis, I. Stamos, G. Aifadopoulou (2017) Πρόβλεψη της κυκλοφορίας σε πραγματικό χρόνο για προηγμένες υπηρεσίες πληροφόρησης μετακινούμενων στη Θεσσαλονίκη, 8th International Congress on Transport Research 2017, Thessaloniki, Greece.
  31. P. Iordanopoulos, E. Mitsakis, G. Ayfantopoulou (2017) ITS Observatory: an ITS on-line repository, 8th International Congress on Transport Research 2017, Thessaloniki, Greece.
  32. Salanova J. M., Chaniotakis E., Toumpalidis I., Karanikolas N., Tzenos P., and Aifadopoulou G. (2017). A spatio-temporal correlation between digital and physical world, case study in Thessaloniki. 8th International congress on Transportation research in Greece. Transportation by 2030: trends and perspectives. Thessaloniki, 27-29 September 2017, Thessaloniki, Greece.
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  34. S. Mamarikas, I. Stamos, J. M. Salanova Grau, E. Mitsakis, G. Aifadopoulou (2017) The contribution of traffic signals adjustment and coordination in mitigating CO2 emissions at urban arterials, Transportation Research Board 96th Annual Meeting, Washington, USA.
  35. J. M. Salanova Grau, I. Stamos, E. Mitsakis, D. Margaritis, P. Tzenos, G. Aifadopoulou (2017) Estimation of traffic flow from Bluetooth detections, Transportation Research Board 96th Annual Meeting, Washington, USA.
  36. Myrovali, G., Chrysostomou, K., Morfoulaki, M., Kotoula, N., Aifadopoulou, G. (2016) Using social media to involve the citizens of Thessaloniki in Sustainable Urban Mobility Planning, 20th European Conference on Mobility Management – ECOMM 2016
  37. Aifadopoulou, G., Chrysostomou, K., Morfoulaki, M., Myrovali, G., Mpoutovinas, A., (2016), Development of an information and mobility planning mobile application to support electric vehicle (EV) drivers, 20th European Conference on Mobility Management – ECOMM 2016
  38. Aifadopoulou, G., Kotoula, K., Morfoulaki, M., Tzenos, P. (2016), Optimizing students transportation; the case of a private school in Thessaloniki, Greece, 20th European Conference on Mobility Management – ECOMM 2016
  39. Kotoula, K., Botzoris, G., Aifadopoulou, G., Morfoulaki, M., (2016), The existing school transportation framework in Greece – Barriers and problems comparing to other European countries, 3rd Conference on Sustainable Urban Mobility, 3rd CSUM 2016, 26 – 27 May 2016, Volos, Greece
  40. Morfoulaki, M., Kotoula, K., Myrovali, G., Aifadopoulou G., (2016), Calculating Impacts of Alternative Parking Pricing and Enforcement Policies in Urban Areas with Traffic Problems, Transportation Research Board 94th Annual Meeting, 10-14 January, 2016, Washington, USA.
  41. Giannopoulos G., Aifadopoulou G., Bekiaris E., Panou M., Tzoliou K., Mitsakis E., Stamos I., Salanova Grau J. M. (2016) Elderly and Info-mobility services: Late bloomers or technology left-outs?, 3rd Conference on Sustainable Urban Mobility, 26 – 27 May, 2016, Volos, Greece
  42. Salanova J. M., Mitsakis E., Chaniotakis M., Aifadopoulou G. (2016) Big data! Smaller models?, European Conference on Mobility Management, 01-03 June, 2016, Athens, Greece
  43. Salanova J. M., Rusich A., Mitsakis E., Ukovich W., Pia-Fanti M., Aifadopoulou G., Nolich M.,

- Scala E. (2016) Evaluation framework in Cooperative Intelligent Transport Systems (C-ITS) for freight transport: the case of the CO-GISTICS speed advice service, *International Journal of Advanced Logistics*, pp.1 - 9
44. Mitsakis E., Stamos I., Anastassiadou K., Kammerer H., Kaundinya I., Kohl B., Kapsomenakis J., Zerefos C., Aifadopoulou G. (2016) Future changes in precipitation patterns and extremes: a model-based approach, *European Geosciences Union, General Assembly 2016*, 17 – 22 April 2016, Vienna, Austria
  45. Mitsakis E., Stamos I., Aifadopoulou G. (2016) Mobility as a Service: science, fiction and the travelers' views, *European Conference on Mobility Management*, 01-03 June, 2016, Athens, Greece
  46. Stamos I., Salanova Grau J.M., Mitsakis E., Aifadopoulou G. (2016) Modeling the effects of precipitation on vehicle speed: a floating car data driven approach, *Transportation Research Board 94th Annual Meeting*, 10-14 January, 2016, Washington, USA.
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  50. E. Mintsis, J. M. Salanova Grau, E. Mitsakis, G. Aifadopoulou (2015) Effects of C-ITS on the Environmental Footprint of Vehicular traffic at Signalized Intersections, *7th International Congress on Transport Research 2015*, Athens, Greece.
  51. Herrero G., Aifandopoulou G., Perpey A., Willenbrock R., Salanova J. M., Mitsakis E. (2015). Optimizing goods management based on the link of cooperative systems and logistics systems. *22nd ITS World Congress*, 5-9 October. Bordeaux, France.
  52. Salanova J. M., Mitsakis E., Vreeswijk J., Vernet G., Rial M., Aifandopoulou G. (2015). Pilot operation management system. *22nd ITS World Congress*, 5-9 October. Bordeaux, France
  53. Stamos I., Samaras C., Mitsakis E., Ntziachristos L., Aifadopoulou G., Samaras Z. (2015) Road transport emissions evolution in urban areas; the case of Thessaloniki, Greece, *14th International Conference on Environmental Science and Technology (CEST)*, 3-5 September, 2015, Rhodes, Greece
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  56. Mitsakis E., Stamos I., Nokkala M., Aifadopoulou G. (2015) Improvement of transport networks resilience against extreme weather events findings of the MOWE-IT project, *Global Conference on Global Warming*, 24-27 May, 2015, Athens, Greece
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  58. Salanova Grau J., Mitsakis E., Stathacopoulos A., Aifandopoulou G. (2015). Cooperative Intelligent Transport Systems for freight transport. *Conference on Global Warming- GCGW 2015*. 24-27 May. Athens, Greece.
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  61. Morfoulaki M., Kotoula K., Myrovali G., Aifadopoulou G. (2015) School transportation: Defining and analyzing user needs regarding the use of technological equipment that increases safety levels, *6th Pan-Hellenic Conference on Road Safety*, 12-13 March 2015, Athens
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  63. E. Gagatsi, K. Papoutsis, G. Aifandopoulou, A. Halatsis 'Investigating the contribution of MED

- research projects to the European port and maritime related policies for the Mediterranean', WCTR, Special Interest Group on Maritime Transport and Ports Conference
64. E. Gagatsi, G. Giannopoulos, Chr. Pyrgidis, G. Aifadopoulou, A combined MCDA approach for facilitating maritime transportation policies evaluation, 3rd International Symposium & 25th National Conference on Operational Research, Volos, 26-28 June 2014
  65. G. Ayfantopoulou, G. Tsoukos, A. Stathacopoulos, A Bizakis and E. Gagatsi, ICT for greener port performance, TEN T ECOPORTS, 1st International Conference on "Sustainable development of the sea-corridors and coastal waters", Tiranna, Albania, 3-4-2014
  66. Gagatsi E., Giannopoulos G, Aifandopoulou G., Supporting Policy Making in maritime transport by means of Multi-Actors Multi-Criteria Analysis: a methodology developed for the Greek maritime transport system TRA 2014, Paris, 2014
  67. Halatsis, A. Stathakopoulos, G. Aifadopoulou, E. Gagatsi, (2014) The development of an exports-focused Agri-Logistics Cluster, International Forum on Agri-Food Logistics, II Domestic Scientific Conference AGROLOGISTYKA 2014, September 9-13th, 2014 Poznań, Poland.
  68. J. M. Salanova Grau, E. Mitsakis, I. Stamos, G. Aifadopoulou (2014) Big urban probe data for the provision of advanced traveler information services and traffic management schemes, NSF Workshops on Big Data and Urban Informatics, Chicago, U.S.A.
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  75. Mitsakis E., Stamos I., Salanova J. M., Miron A., Aifadopoulou G. (2014). Estimation of road traffic induced environmental pollutants based on a point-to-point traffic detection system. 12th International Conference "Protection & Restoration of the Environment - PRE12", Skiathos Island, 29 June - 4 July 2014.
  76. E. Chalkia, J.M. Salanova, E. Bekiaris, G. Ayfantopoulou, C. Ferarini, E. Mitsakis (2014). Routing algorithms for the safe transportation of pupils to school using school buses, Transport Research Arena 2014, 14-17 April, Paris.
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  80. G. Giannopoulos, G. Aifadopoulou, E. Bekiaris, M. Panou, K. Toulou, E. Mitsakis, I. Stamos, JM. Salanova (2014), «ICT perception of elderly people and the role of infomobility services in their everyday mobility», 27-28 November 2014: European Conference - "Ageing and Safe Mobility", BASt, Germany.
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  93. G. Aifadopoulou, C. Caballini, E. Gagatsi, G. Myrovali, S. Sacone "Transforming Med Ports in seamless intermodal links by exploiting new technologies" 13th World Conference on Transport Research, Rio 2013
  94. G. Aifadopoulou, E. Gagatsi, G. Myrovali, "Strengthening the competitiveness of local and regional production clusters through efficient interfaces to ports and intermodal solution exploitation in the Mediterranean basin", Transport Research Arena – TRA 2012, Athens, Greece
  95. Z. Samaras, N. Moussiopoulos, I. Douros, C. Samaras, E. Vouitsis, G. Tsegas, E. Chourdakis, E. Mitsakis, J. M. Salanova-Grau, G. Aifadopoulou, I. Stamos, A. Gotti, D.A. Sarigiannis. (2012) "Transport emissions and their impact on air quality in Athens: A case study in the framework of TRANSPHORM". 19th International Transport and Air Pollution Conference 2012
  96. E. Mitsakis, J.M. Salanova, E. Chrysochoou, I. Stamos, G. Aifadopoulou (2012) Multicriteria route choice in road networks, 12th Special Conference of the Hellenic Operational Research Society (HELORS), 9th Meeting of Multiple Criteria Decision Aid, Kavala, Greece (ISBN 978-960-363-041-8)
  97. E. Mitsakis, A. Papanikolaou, J.M. Salanova, G. Aifadopoulou, C. Doll (2012) An integrated framework for linking climate change impacts to emergency adaptation strategies for applications on transport networks, Transportation Research Board 91st Annual Meeting, Washington, USA.
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