

## *Curriculum Vitae*



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*Athens University of Economics and Business*  
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### **1.0 CURRENT POSITION**

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Professor and Chairman  
Department of Management Science and Technology  
Athens University of Economics and Business  
Director TRANSportation Systems & LOGistics  
Laboratory (TRANSLOG)  
Co-ordinator Transportation and Logistics Specialization  
MBA International Program

### **2.0 EDUCATION**

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Ph.D. University of Connecticut, USA, 1986  
M.Sc. Transportation Engineering and Planning,  
University of Connecticut, USA, 1983  
Diploma of Civil Engineering University of Patras, Patra,  
Greece, 1980

### **3.0 RECENT TEACHING ASSIGNMENTS**

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#### 2000-today

Professor- Department of Management Science and Technology - Athens University of Economics and Business.

#### Undergraduate Teaching:

- Analysis and Planning of Transportation and Distribution Systems (2004-today)
- Supply Chain Management (1996-today)
- Project Management (1996-today)

#### Graduate Teaching:

- Global Supply Chain Management (2004-today, MBA International)
- Supply Chain Management (2000-2004, MSc in Decision Sciences) (2000-today, Exexutive MBA)
- Project Management (2000-2004, MSc in Decision Sciences) (2004-today, MBA International) (2000-today, Exexutive MBA)
- Intermodal Terminal Operations (2000-2004, MSc in Decision Sciences)

## 4.0 PROFESSIONAL AFFILIATION

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- 4.1 Technical Chamber of Greece
- 4.2 Transportation Research Board (TRB) - Supply Committee
- 4.3 TRB Committee on Airfield and Airspace Capacity and Delay (AV060)
- 4.4 TRB Committee on Freight Transportation Planning and Logistics (AT015)
- 4.5 TRB Committee on Transportation Network Modeling (ADB30)
- 4.6 Member of the Institute for Operations Research and the Management Sciences (INFORMS)
- 4.7 Member of the Council of Supply Chain Management Professionals
- 4.8 Transportation and Development Institute's (T&DI) Advanced Technology Committee

## 5.0 PROFESSIONAL EXPERIENCE

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### 5.1 Consulting Activities<sup>1</sup>:

- 5.1.1 (2001) "Survey on Apron and Taxiway Modelling Techniques-SATMOT", AENA/EUROCONTROL
- 5.1.2 (2001) Evaluator of proposals 5<sup>th</sup> framework programme, European Commission, DG INFSO
- 5.1.3 (1999-2001) Reviewer of 5<sup>th</sup> framework programme projects, European Commission, DG INFSO
- 5.1.4 (1999-2000) "Technical EcOnomical and OpeRational Assessment of an ATM Concept AcHievable from the year 2005 (TORCH)", EUROCONTROL
- 5.1.5 (1999) "CONVERGE project: Validation Quality Work Area", European Commission, DG INFSO
- 5.1.6 (1999) Act as a reviewer to ARTTIC for the ANIMATE and TREASURE projects, European Commission, DG XIII
- 5.1.7 (1999) Vice chairman of the Committee Appointed by the Ministry of Transport and telecommunications for Evaluating the Operational Plan of the New Athens Metro System.
- 5.1.8 (1998-2000) Member of the Expert Group of the Concerted Action Program CAVA "Concerted Action on Validation of ATM System", European Commission, DG VII
- 5.1.9 (1998-2000) Member of the Expert Group of the Concerted Action Program OPTAS B "Optimization on Airport Systems B", European Commission, DG VII
- 5.1.10 (1997) "Strategic Plan for the Development of Transportation Institute in Epirus", University of Ioannina

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<sup>1</sup> Indicative List

- 5.1.11 (1997) “European Strategic Intermodal Links -EUROSIL”, European Commission, DG VII
- 5.1.12 (1996-1997) "Design of a Network for Monitoring Environmental Quality", Ministry of Environment Public Works and Physical Planning
- 5.1.13 (1996) Feasibility study for the expansion of the Thessaloniki International Airport-Macedonia-Thrace Bank
- 5.1.14 (1996) Project Management Seminars at the Greek Bank of Industry Development
- 5.1.15 (1996) Balkan Transportation Study - PHARE Programme European Commission
- 5.1.16 (1996) Evaluation of Alternative Designs for the new Central Artery of Thessaloniki, the Ministry of Environment Public Works and Physical Planning
- 5.1.17 (1995) Travel Demand Forecasting for Kavala Airport, Hellenic Civil Aviation
- 5.1.18 (1994-1999) Evaluator of research proposals for the Greek General Secretariat for Science and Technology
- 5.1.19 (1994-1995) Evaluator / Technical Auditor of Transport Telematics (DRIVE) proposals and projects, 4<sup>th</sup> Framework Programme-European Commission, DG XIII
- 5.1.20 (1995) Project Management Seminar, S&B Industrial Minerals
- 5.1.21 (1994-1995) Evaluator of (APAS) proposals- Air traffic Control- European Commission, DG XIII
- 5.1.22 (1994) Assessment of the Travel Demand Forecasting study for the Thessaloniki Metropolitan Subway System
- 5.1.23 (1994) Study for the Organization of the Distribution Network of the Epirus Meat Processing Company “BIKH”
- 5.1.24 (1994) Travel Demand Forecasting for the Elefsina-Stavros-Spata Airport motorway
- 5.1.25 (1993-1995) THERMIE Project ENTRANCE, European Commission, DG XVII
- 5.1.26 (1993-1994) Development of Mathematical Models for designing the Transport System of Budapest (BETS) - PHARE programme
- 5.1.27 (1993) Travel Demand Forecasting for the following Airports:  
- Corfu International  
- Cephalonia Airport
- 5.1.28 (1993) Feasibility study for the development of the new Serres Airport

- 5.1.29 (1993) “Evaluation of pavement surface characteristics”, Ministry of Environment Public Works and Physical Planning
- 5.1.30 (1992-1993) “Safety of the Greek Highway Network” - Hellenic Automobile and Touring Club
- 5.1.31 (1992-1994) DRIVE II Project SCOPE, European Commission, DGXIII
- 5.1.32 (1992-1993) APAS projects, European Commission, DGXIII
- 5.1.33 (1992) Emergency Response Logistics of Florida Power and Light, “The case of Hurricane Andrew”, Florida Power and Light
- 5.1.34 (1992) Lectures on Public Transport Management in Poland (TEMPUS Programme)
- 5.1.35 (1986 -1990) Accident Reconstruction Analysts, Miami, Florida, USA - Highway Safety Studies

## **5.2 Member of Working Groups/Committees**

### 2003-2004

National Representative of Greece on Transport issues in the 6<sup>th</sup> RTD Framework Programme, European Commission

### 1998-2002

Member of the Management Committee (expert on Transportation issues) on “Competitive and Sustainable Growth” 5<sup>th</sup> Framework Programme, European Commission

### 1998

Member of the Committee on Research Education Science and Technology (CREST), Representative on transport research issues- European Commission, DG XII

### 1994 - 1998

Member of the Transport Research Committee, European Commission, DG VII

### 1994 - 1998

Member of the Research and Technological Development on Transportation issues Working Group (RETRAMEND), European Commission, DG VII

### 1994 - 1995

Member of the Air Transport Working Group for the preparation of the 4<sup>th</sup> Framework programme - European Commission, DG XIII

### 1994 - 1995

Member of the Working Group for the preparation of the 4<sup>th</sup> Framework programme on Transport Telematics - European Commission, DG XIII

1994

Member of the Committee on Research Education Science and Technology (CREST),  
Representative on transport research issues- European Commission, DG XII

## **6.0 RESEARCH ACTIVITIES**

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- 6.1 (2006-2009) “Supporting Platform for Airport Decision-Making and Efficiency Analysis – 2 (SPADE 2)”, European Commission, Directorate General Energy and Transport (DG TREN).
- 6.2 (2007-2010) “Safety based Air Traffic Management design and initial validation of a concept of operations accommodating three times more air traffic over Europe (iFly)”, European Commission, Directorate General Energy and Transport (DG TREN).
- 6.3 (2006-2009) “European Airport Movement Management by A-SMGCS - 2 (EMMA 2)”, European Commission, Directorate General Energy and Transport (DG TREN).
- 6.4 (2006-2009) “Reduced Separation Minima (RESET)”, European Commission, Directorate General Energy and Transport (DG TREN).
- 6.5 (2004-2007) “Enhancing VEGetable Supply Chain Management with InterNET Technologies in China (VEGNET)”, European Commission, EU-Asia IT&C Programme.
- 6.6 (2004-2006) “Scenarios for the Transport System and Energy Supply and their Potential Effects (STEPS)”, European Commission, Directorate General Research (DG RESEARCH).
- 6.7 (2004-2006) "Supporting Platform for Airport Decision-Making and Efficiency Analysis (SPADE)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.8 (2004-2006) "Cooperative Approach to Air Traffic Services (CAATS)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.9 (2004-2005) “Coordination of Concepts for New Collective Transport (CONNECT)”, European Commission, Directorate General Energy and Transport (DG TREN)
- 6.10 (2004-2005) “EU-China Co-operation for Strategic Planning of Beijing Digital Olympics Programme (ECOSPLAN)”, European Commission, IST Programme, Directorate General Information Society Technologies (DG IST).
- 6.11 (2003-2006) “Advanced Real Time Services in the Transport Sector (ARTTS)”, Greek Ministry of Development - General Secretariat of Research and Technology.
- 6.12 (2003-2006) “An Integrated Decision Support System for providing Real Time Transit Information in a Multimodal Transportation System (ENOSIS)”, Greek Ministry of Development - General Secretariat of Research and Technology.

- 6.13 (2003-2006) "European Airport Movement Management by A-SMGCS (EMMA)", European Commission, Directorate General Energy and Transport (DG TREN)
- 6.14 (2003-2006) "A Software Platform for Supporting eB2B Service (ERMIS)", Greek Ministry of Development- General Secretariat of Research and Technology.
- 6.15 (2002-2006) "Safety in Tunnels Thematic Network on development of European guidelines for upgrading tunnel safety (SAFE-T)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.16 (2002-2004) "Aviation Policy information Resources based on Observatory Networks (APRON)", European Commission Directorate General Energy and Transport (DG TREN).
- 6.17 (2002-2004) "Economic growth and sustainable Mobility supported by IST at Regional including SMEs (EMIRES)", European Commission, Directorate General Information Society (DG INFSO).
- 6.18 (2002-2004) "Transport Institutions in the Policy Process (TIPP)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.19 (2002-2004) "Process Logistics Advanced Technical Optimizer (ATHOC-PLATO)", Athens 2004 Olympic Games Organizing Committee.
- 6.20 (2002-2004) "An Integrated Information Management System for the Accreditation during Athletic Events and Olympic Games Security (ASSOS)", Greek Ministry of Development- General Secretariat of Research and Technology.
- 6.21 (2002-2004) "RT&D Roadmaps for European Transport Logistics of the Future (EUTRALOG)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.22 (2002-2003) "Maritime Intelligent Systems for Transport and Inter-related Chain (MISTIC)", European Commission, Directorate General Information Society (DG INFSO).
- 6.23 (2002-2003) "Business, Policy and Research implications of Logistics in the e-economy environment (BPR-Logistics)", European Commission, Directorate General Information Society (DG INFSO).
- 6.24 (2002-2003) "Creating viable concepts for combined Air/rail Cargo Transport (CO-ACT)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.25 (2001-2003) "Safety Improvement in Road & rail Tunnels using Advanced ICT and Knowledge Intensive DSS (SIRTAKI)", European Commission, Directorate General Information Society (DG INFSO).

- 6.26 (2001-2003) "A Thematic Long-term Approach to Networking for the Telematics and IST Community (ATLANTIC)", European Commission, Directorate General Information Society (DG INFSO).
- 6.27 (2001-2003), "Monitoring and Evaluation of Transport and Energy Oriented Radical Strategies for Clean Urban Transport (METEOR)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.28 (2000-2003) "Implementation of Marginal Cost Pricing in Transport – Integrated Conceptual and Appplied Model Analysis (MC-ICAM)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.29 (2000-2002) "Thematic Network for Airports (THENA)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.30 (2000-2002) "The World in your Hands on the Move (WH@M)", European Commission, Directorate General Information Society (DG INFSO).
- 6.31 (1999-2002) "Developing and Improving Consumer-Supplier relationship in Traditional commerce using Information and Communication Technologies-(DISTRICT)", European Commission, Directorate General Information Society (DG INFSO).
- 6.32 (1999-2002) "Operational Benefit Evaluation by Testing an A-SMGCS (BETA)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.33 (1999-2001) "Effects on Transport of Trends in Logistics and Supply Chain Management (SULOGTRA)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.34 (1999-2002) "Optimization Platform for Airports, including Land-side (OPAL)", European Commission, Directorate General Energy and Transport (DG TREN).
- 6.35 (1999-2001) "Development of a plan for the organization and management of the Greek Airports System", Ministry of Transport and Telecommunications-Hellenic Civil Aviation Authority.
- 6.36 (1999-2001) "Preparation of the Olympic Airways Ground Handling Division Business Plan", Olympic Airways.
- 6.37 (1999-2000) "Technical EcOnomical and OpeRational Assessment of an ATM Concept AchIEvable from the year 2005 (TORCH)", EUROCONTROL.
- 6.38 (1998-2001) "A DSS for Hazardous material Logistics", Greek General Secretariat on Science and Technology, Second Operational Program of Research and Development.
- 6.39 (1998-2000) "Travel and Tourism Information on the WWW (wTwTw )", European Commission, Directorate General Information Society (DG INFSO).

- 6.40 (1998-1999) "Integrated Incident Management. Emergency Healthcare and Environment Monitoring in Road Networks (IN-EMERGENCY)", European Commission, Directorate General Information Society (DG INFSO).
- 6.41 (1989-1999) "Development of a Business Plan for the Organization of Urban Transport in Athens", Organization of Urban Transport in Athens.
- 6.42 (1998-1999) "Development of a Decision Support System for Transport Policy Decision Making", Ministry of Transport and Telecommunications.
- 6.43 (1998-1999) "Development of Strategic Plan for Railroad Freight Transport in Greece", Hellenic Railroad Organisation.
- 6.44 (1997-1999) "Development of a Decision Support System for Large Scale Technological Accident Emergency Planning", Ministry of Environment Public Works and Region Development.
- 6.45 (1996-1999) "Incident Response with on line innovative sensing (IN-RESPONSE)", European Commission, DG XIII.
- 6.46 (1996-1999) "Management of Surface Traffic in European Airports (MANTEA) ", European Commission, DG XIII.
- 6.47 (1996-1999) "European Project for Toll Effects and Pricing Strategies (EUROTOLL)", European Commission, DG VII.
- 6.48 (1996-1998) "Integrated Environmental Monitoring, Forecasting, and Warning Systems in Metropolitan Areas (EMMA) ", European Commission, DG XIII.
- 6.49 (1996-1997) "Application Research and Testing for Emergency Management Intelligent Systems (ARTEMIS) ", European Commission, DG XIII.
- 6.50 (1996-1997) "Total Airport Performance and Evaluation (TAPE)", European Commission, DG VII.
- 6.51 (1996-1997) "New Optimisation Approaches to Air Traffic Flow Management (NOAA) ", European Commission, DG VII.
- 6.52 (1995-1996) "Model Use and Fast Time Simulation (MUFTIS) ", European Commission, DG VII.
- 6.53 (1991-1993) "Enhancements and Modifications of the Service Restoration Model and Integration With Geographic Information Systems", Florida Power & Light.
- 6.54 (1991-1993), "An Application of GIS Technology in Designing Service Restoration Territories." Florida Power & Light.
- 6.55 (1991-1992), "A Model for Predicting Emergency Response Crew Requirements Under Severe Service Disruption Conditions", Florida Power & Light.



- 6.56 (1991-1992), "Assessing the Effectiveness of FP&L Training Programs Through the Variability of Work Performance the Service Restoration Operations Paradigm", Florida Power & Light.
- 6.57 (1989-1992), "A Model For Reducing Service Restoration Time Through the Optimum Deployment of Service Restoration Units", Florida Power & Light.
- 6.58 (1989), "Integrating Geographic Information Systems (GIS) Technology in Planning Emergency Response Services", Florida Power & Light.
- 6.59 (1989), "Multiplanning Information Systems II", University of Miami Research Foundation.
- 6.60 (1989), "Multiplanning Information Systems I", University of Miami Research Foundation.
- 6.61 (1988-1989), "A Simulation Model For Evaluating the Operational Characteristics of Urban Arterial Highways", University of Miami Research Foundation.
- 6.62 (1988-1989), "Reliability Engineering and Quality Theory", Quality Institute University of Miami.
- 6.63 (1987-1988), "Integrating Quality Assurance/Quality Control Concepts in Construction Planning, Scheduling, and Control", Quality Institute University of Miami.
- 6.64 (1987) "Multicriteria Models and Algorithms for Hazardous Materials Transportation", University of Miami Research Foundation.
- 6.65 (1986-1987), "Reducing Human and Environmental Risk from Hazardous Waste Transportation: A Multiobjective Programming Approach", University of Miami Research Foundation.
- 6.66 (1985-1986), "Transportation System Management in Connecticut", University of Connecticut.

## **7.0 HONORS AND AWARDS:**

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- 7.1 President's Medal Award 2005, awarded by the British Operational Research Society
- 7.2 2005 Franz Edelman Finalist Award for Achievement in Operations Research and the Management Sciences, awarded by the Institute of Operations Research and the Management Sciences (INFORMS)
- 7.3 Excellence in Teaching Award for 2003-2004, International MBA, Athens University of Economics and Business
- 7.4 ENO Foundation for Transportation, 1986
- 7.5 Vice-President of the ASCE Committee on Hazardous Materials Transport, 1991
- 7.6 Sigma Xi, Honored Scientific Society (A.M), 1986
- 7.7 "Research Initiation Award", University of Miami, June, 1986

## 8.0 PUBLICATIONS

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### 8.1 Monographs

- 8.1.1 Zografos, K.G., "Multiobjective Hierarchical Models for Locating Public Facilities on a Transportation Network: A Goal Programming Approach", Ph.D. Dissertation, University of Connecticut, Storrs CT., May 1986
- 8.1.2 Zografos, K.G., "On the Relationship Between Fuel Consumption and Design of Highway Facilities", M.S. Thesis, Civil Engineering Department, University of Connecticut, Storrs CT., May 1983

### 8.2 Lecture Notes

- 8.2.1 Zografos, K.G., "Production and Operation Management", Notes for the Production and Operation Management Course, Athens University of Economics and Business, Department of Management Science and Marketing, 1998 (in Greek)
- 8.2.2 Zografos, K.G., "Project Management", Notes for the Project Management Course, Athens University of Economics and Business, Department of Management Science and Marketing, 1997 (in Greek)
- 8.2.3 Zografos, K.G., "Multicriteria Analysis", Notes for the Decision Support Systems Course, Athens University of Economics and Business, Department of Management Science and Marketing, 1997 (in Greek)
- 8.2.4 Zografos, K.G., "Transportation Systems and Logistics", Notes for the Transportation Systems and Logistics Course, Athens University of Economics and Business, Department of Management Science and Marketing, 1995 (in Greek)

### 8.3 Refereed Journal Articles

- 8.3.1 Zografos, K.G., V., Spitadakis, and K.N., Androutsopoulos "An Integrated Passenger Information System for Multimodal Trip Planning", Transportation Research Record : Journal of the Transportation Research Board (to appear)
- 8.3.2 Zografos, K.G., K.N., Androutsopoulos "A decision support system for integrated hazardous materials routing and emergency response decisions", Transportation Research Part C (to appear)
- 8.3.3 Zografos, K.G., K.N., Androutsopoulos "Algorithms for itinerary planning in multimodal transportation networks", IEEE Transactions on Intelligent Transportation Systems, 2008, Vol. 9, No. 1, pp. 175-184.
- 8.3.4 Androutsopoulos, K.N., K.G., Zografos "Solving the multi-criteria time dependent routing and scheduling problem in a multimodal fixed scheduled network", European Journal of Operational Research (to appear)

- 8.3.5 Madas, M.A., K.G. Zografos, “Airport Capacity vs. Demand: Mismatch or Mismanagement?”, Transportation Research Part A – Policy and Practice, 2008, Vol. 42, pp. 203-226.
- 8.3.6 Zografos, K.G., C.S., Tsanos “A methodological framework for analysing institutional settings in transport policymaking”, Transportation Research Record : Journal of the Transportation Research Board, 2007, No. 2036, pp. 15-23.
- 8.3.7 Zografos, K.G., M.A., Madas, “Advanced Modelling capabilities for airport performance assessment and Capacity Management”, Transportation Research Record : Journal of the Transportation Research Board, 2007, No. 2007, pp. 60-69.
- 8.3.8 Zografos, K.G., M.A. Madas, “Development and Demonstration of an Integrated Decision Support System for Airport Performance Analysis”, Transportation Research Part C, 2006, Vol. 14, No. 1, pp. 1-17.
- 8.3.9 Beis, D.A., P. Loucopoulos, Y. Pyrgiotis, K.G. Zografos<sup>1</sup>, “PLATO Helps Athens Win Gold: Olympic Games Knowledge Modeling for Organizational Change and Resource Management”, Interfaces, 2006, Vol. 36, No. 1, pp. 26-42.
- 8.3.10 Madas, M.A., K. Zografos, “Airport slot allocation: From instruments to strategies”, Journal of Air Transport Management, 2006, Vol. 12, No. 2, pp. 53-62.
- 8.3.11 Zografos, K.G., M. Madas, M. van Eenige, R. Valdes, “Integrated airport performance analysis through the use of the OPAL platform”, Air Traffic Control Quarterly, 2005, Vol. 13, No.4, pp. 357-386.
- 8.3.12 Zografos, K.G., A. Regan, “Current Challenges for Intermodal Freight Transport and Logistics in Europe and the US”, Transportation Research Record : Journal of the Transportation Research Board, 2004, No. 1873, pp. 70-78.
- 8.3.13 Stamatopoulos M.A., Zografos, K.G., Odoni, A.R., "A Decision Support System for Airport Strategic Planning", Transportation Research Part C, 2004, Vol. 12, Issue 2, pp.91-117 (ScienceDirect Top25 Hottest Articles April-June 2005 [http://top25.sciencedirect.com/index.php?subject\\_area\\_id=8&journal\\_id=0968090X&cat\\_id=4](http://top25.sciencedirect.com/index.php?subject_area_id=8&journal_id=0968090X&cat_id=4)).
- 8.3.14 Zografos, K.G., K.N. Androutsopoulos, "A Heuristic Algorithm for Solving Hazardous Materials Distribution Problems", European Journal of Operational Research, Volume 152, Issue 2, 16 January 2004, Pages 507-519
- 8.3.15 Zografos K., M. Madas, “Optimizing Intermodal Trip Planning Decisions in Interurban Networks”, Transportation Research Record : Journal of the Transportation Research Board, 2003, No. 1850, pp. 61-69.
- 8.3.16 Zografos K., M. Madas, “A Critical Assessment of Airport Demand Management Strategies in Europe & U.S.: A Comparative Perspective”, Transportation Research Record : Journal of the Transportation Research Board, 2003, No. 1850, pp. 41-48.

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<sup>1</sup> Alphabetical order

- 8.3.17 Zografos, K.G., I.M. Giannouli, “Emerging Supply Chain Management Trends and their Impact on Spatial Organization of Logistical Networks”, Transportation Research Record : Journal of the Transportation Research Board, 2003, No. 1833, pp. 30-39.
- 8.3.18 Zografos K., I. Giannouli, “Emerging Trends in Logistics and their Impact on Freight Transport System: A European Perspective”, Transportation Research Record, 2002, No 1790, pp.36-44.
- 8.3.19 C. T. Kiranoudis, S. P. Kourniotis, M. Christolis, N. C. Markatos, K. G. Zografos, I. M. Giannouli, K. N. Androutsopoulos, I. Ziomas, E. Kosmidis, P. Simeonidis and N. Poupkou, “An operational centre for managing major chemical industrial accidents”, Journal of Hazardous Materials, January, 2002, Vol. 89, Issues 2-3, pp. 141-161.
- 8.3.20 Zografos, K.G., K.N. Androutsopoulos, "Heuristic Algorithms for Solving Hazardous Materials Logistical Problems", Transportation Research Record, 2002, No.1783, pp.158-166.
- 8.3.21 Zografos, K.G., G.M. Vasilakis, K.N. Androutsopoulos, "A Real Time Decision Support System for Roadway Network Incident Response Logistics" Transportation Research Part C, 2002, No. 10, pp. 1-18 (Top 25 requested papers, April 2002 – April 2004  
[http://www.elsevier.com/authored\\_subject\\_sections/S03/top/transportation\\_research\\_c.html](http://www.elsevier.com/authored_subject_sections/S03/top/transportation_research_c.html)).
- 8.3.22 Zografos, K.G., I.M. Giannouli, “Development and Application of A Methodological Framework for Assessing SCM Trends”, International Journal of Logistics: Research and Applications, 2001, Vol. 4, No.2, pp. 153-190.
- 8.3.23 Zografos, K.G., I.M. Giannouli, “Development and Application of Methodological Framework for Evaluating the Cost-Effectiveness of an Air Traffic Management System for Europe”, Transportation Research Record, 2001, No 1744, pp. 52-64.
- 8.3.24 Zografos K.G., G. M. Vasilakis, I.M. Giannouli, “A Methodological framework for developing a DSS for Hazardous Material Emergency Response Operations”, Journal of Hazardous Materials, Elsevier Science, January, 2000, Vol. 71, pp.503-521.
- 8.3.25 Andreatta G., L. Brunetta, A. Odoni, L. Righi, M. Stamatopoulos, K. Zografos<sup>1</sup>, “A Set of Approximate and Compatible Models for Airport Strategic Planning on Airside and Landside”, Air Traffic Control Quarterly, 1999, Vol. 7, No. 4, pp.291-319.
- 8.3.26 Zografos K.G., C. Douligeris, P. Tsoumpas, “An Integrated Framework for managing Emergency-Response Logistics: The Case of the Electrical Utility Companies”, IEEE Transactions on Engineering Management, 1998, Vol. 45, No. 2, pp. 115-126.
- 8.3.27 Karlaftis, M.G., K.G. Zografos, J. Papastavrou, and J. Charnes, “Methodological Framework for Air Travel Demand Forecasting”, ASCE Transportation Engineering Journal, 1996, Vol. 122, No 2, pp 96-104.

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<sup>1</sup> Alphabetical order

- 8.3.28 Nathanail, T. G. and K.G. Zografos, "Simulation Tool for evaluating the Effectiveness of Freeway Incident Response Operations", Transportation Research Record, 1995, No.1485, pp. 105-111.
- 8.3.29 Zografos, K.G., C. Douligeris, and L. Chaoxi, "A Simulation Model for Evaluating the Performance of an Emergency Response Fleet", Transportation Research Record, 1994, No. 1452, pp. 27-34.
- 8.3.30 Zografos, K.G., T. Nathanail, and P. Michalopoulos, "Analytical Framework for Minimising Freeway-Incident Response Time", ASCE Transportation Engineering Journal, 1993, Vol. 119, No.4, pp. 535-549.
- 8.3.31 Zografos, K.G., C. Douligeris, and L. Chaoxi, "A Model for the Optimum Deployment of Emergency Repair Trucks: An Application in the Electric Utility Industry", Transportation Research Record, 1992, No. 1358, pp. 88-94.
- 8.3.32 Zografos, K.G., and Y. Stephanedes, "Impact of State Highway Investment on Employment Along Major Highway Corridors", Transportation Research Record, 1992, No. 1359, pp. 151-155.
- 8.3.33 Hachem Y., K.G.Zografos, and M. Soltani, "Bridge Inspection Strategies", ASCE Journal of Performance of Constructed Facilities, 1991, Vol. 5, No. 1, pp. 37-56.
- 8.3.34 List G., P.B. Mirchandani, M.A. Turnquist, and K.G. Zografos<sup>1</sup>, "Modelling and Analysis for Hazardous Materials Transportation: Risk Analysis, Routing/Scheduling and Facility Location", Transportation Science, 1991, Vol.25, No.2, pp. 100-114.
- 8.3.35 Zografos, K.G., R. Cromley, and H.S. Levinson, "A Multiobjective Hierarchical Model For Locating Public Facilities on a Transportation Network: A Goal Programming Approach", Journal of Advanced Transportation, 1991, Fall, Vol. 25, No.3, pp. 329-355.
- 8.3.36 Zografos, K.G., and W. Martinez, "Improving the Performance of a Port System Through Service Demand Reallocation", Transportation Research Part B, 1990, Vol.24, No.2, pp.79-97.
- 8.3.37 Zografos, K.G., and S. Warkov, "Hazardous Materials Siting and Routing Decisions: Factors Affecting the Preferences of Fire Chiefs", Transportation Research Record, 1990, No. 1264, pp. 24-28.
- 8.3.38 Zografos, K.G., and C.F. Davis, "A Multiobjective Programming Approach for Routing Hazardous Materials", ASCE Transportation Engineering Journal, 1989, Vol. 115, No.6, pp. 661-673.
- 8.3.39 Zografos, K.G., and S. Samara, "A Combined Location-Routing Model For Hazardous Waste Transportation and Disposal", Transportation Research Record, 1989, 1245, pp. 52-59.

- 8.3.40 Zografos, K.G., and R.G. Cromley, "Low-Volume Roadway Network Improvements and the Accessibility of Public Facilities in Rural Areas", Transportation Research Record, 1987, No. 1106, pp. 26-33.
- 8.3.41 Levinson, H.S., M. Golenberg, and K.G. Zografos, "TSM, How Effective? Some Perspectives on Benefits and Impacts", Transportation Research Record, 1987, 1142, pp. 22-32
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- 8.6.15 Zografos, K.G, I. M.G. Giannouli, G.M. Vasilakis, E.G. Apospori, "User requirements for the development of Decision Support System for Managing Large Scale Industrial Accidents", technical report - SATAME Project (Ministry of Environment Public Works and Region Development), 1997
- 8.6.16 Zografos, K.G., Odoni, A.R., Giannouli I. M., Stamatopoulos M.A., Adami S., Nicoloso S. "Validation plan of the airport capacity optimization tools", technical report - MANTEA Project (DG XIII), 1997
- 8.6.17 Zografos, K.G, "Report on User Needs for the Incident Response (IR) and Health Emergency Response (HER) Sub-systems", TRANSLOG Laboratory, IN-RESPONSE project, Deliverable D31, 1996



- 8.6.18 Zografos K.G., and Vasilakis, G.M, "State-of-the-art and state-of-practice on incident response", IN-RESPONSE project, Deliverable D32, 1996
- 8.6.19 Zografos K.G., and Vasilakis, G.M, "Functional Specifications for the Incident Response and the Health Emergency Response sub-systems", IN-RESPONSE project, Deliverable D41, 1996
- 8.6.20 Bertsimas, D., A. Odoni, G. Petrakis, and K. G. Zografos, "Mathematical Optimization Models for the Air Traffic Flow Management Problem", NOAA project, 1996
- 8.6.21 Odoni A., K.G. Zografos, M. Stamatopoulos, "Models, Capacity, and Efficiency of Airside Airport Elements", TAPE Project, 1996
- 8.6.22 Theodoraki, S. Kourniotis, M. Christolis, K. Zografos, N.C. Markatos, "ARTEMIS-Application Research & Testing for Emergency Management Intelligent Systems", Final Report, EEC TELEMATICS APPLICATIONS, June 1996
- 8.6.23 Zografos, K.G., C. Douligieris, L. Chaoxi, P. Tsoumpas, "Modeling Issues Related to the Service Restoration Problem," CEN-90-2, Civil and Architectural Engineering Department, University of Miami, Coral Gables, FL
- 8.6.24 Zografos, K.G., "Integrating Quality Assurance/Quality Control Concepts In Construction Planning Scheduling and Control," CEN-90-3, Civil and Architectural Engineering Department, University of Miami, Coral Gables, FL
- 8.6.25 Zografos, K.G., C. Douligieris, and L. Chaoxi, "The Solution of the Districting Model," CEN-90-4, Civil and Architectural Engineering Department, University of Miami, Coral Gables, FL
- 8.6.26 Zografos, K.G., and W. Martinez, "A Simulation Model for Improving Service Restoration Time Through Optimum Deployment of Service Restoration Units: Preliminary Evaluation," CEN-89-2, Civil and Architectural Engineering Department, University of Miami, Coral Gables, FL
- 8.6.27 Zografos, K.G., and C.F. Davis, "A Multiobjective Programming Approach for Routing Hazardous Materials." Technical Memorandum CEN-88-1, Civil and Architectural Engineering Department, University of Miami, Coral Gables, FL
- 8.6.28 Levinson, H.S., and K.G. Zografos, "Transportation System Management in Connecticut". Report JHR 87-172, Civil Engineering Dpt, University of Connecticut, Storrs, CT
- 8.6.29 Levinson, H.S., and K.G. Zografos, "Transportation Management in Connecticut Evaluating Benefits and Impacts of TSM Actions," Technical Memorandum No. 3, JHR 86-169, Civil Engineering Department, University of Connecticut, Storrs, CT
- 8.6.30 Zografos, K.G., S. Warkov, B. Joerges, and G. Megaleconomos, "Consumer Energy Conservation Policies and Programs in Greece," Report IIUG/dp 83-4, International Institute for Environment and Society, Science Center Berlin, Berlin FRG

## 9.0 EDITORIAL DUTIES

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- 9.1 **Member of Editorial Boards**
- Operational Research : An International Journal
  - Transportation Research – Part C
  - Journal “Simulation Modelling Practice and Theory”
  - International Journal of Logistics Economics and Globalisation
- 9.2 **Co-Editor** with M. Turnquist of the special issue of "Transportation Science" on Hazardous Materials Transportation." vol. 25, No. 2, May 1991
- 9.3 **Co-Editor** with A. Abkowitz of the proceedings of the ASCE Conference on "State and Local Issues in Transportation of Hazardous Materials: Towards a National Strategy"
- 9.4 **Co-ordinator of the special issue** "ASCE Transportation Engineering Journal" on Hazardous Materials Transportation
- 9.5 **Reviewer of the following Journals/Conference Proceedings:** "Operations Research", "Transportation Science", "Transportation Research Record", "IEEE Transactions on Systems Man and Cybernetics", "Transportation Research", "ASCE Transportation Engineering Journal", "Proceedings of the 5th National Conference on Microcomputers in Civil Engineering", "6th World Congress on Transport Research", "Management Science", "Information Systems and Operations Research", "European Journal of Operations Research", "Transportation Research Part C", "Knowledge and Process Management Journal", "Transportation Research Part A", "10<sup>th</sup> International Conference on Applications of Advanced Technology in Transportation", "Academy of Management Annual Meeting Proceedings"

## 10.0 INVITED SPEAKER

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- 10.1 The twenty-sixth International Conference of the System Dynamics Society, Athens, Greece, “Process Logistics Advanced Technical Optimizer (PLATO)”, 20-24 July, 2008.
- 10.2 Olympic City Forum, Nice, “Identification of European Good Practices related to Olympic Games Planning”, 22 November, 2004
- 10.3 Euro-China Workshop on Digital Olympics, Beijing, China, "Process Logistics Advanced Technical Optimizer (PLATO): A Decision support tool for Olympic Games operations planning", 1 April, 2003
- 10.4 7<sup>th</sup> Conference on Industrial Technologies, Toulouse, “Total Airport Performance and evaluation”, 27-30 October, 1997, European Commission
- 10.5 EUROSIL Consortium, London, England, “International Transport for Strategic European network Links”, July 1997

- 10.6 University of the Aegean, “Use of Advanced Transport Telematics Technologies in Logistics Operations”, Lecture, 20-21 May 1997
- 10.7 Transportation Research Board (TRB), Washington D.C., “Research and Development in the are of Air Transport in Europe”, January 1997
- 10.8 EUROCONTROL, “Total Airport Performance and Evaluation”, 1996
- 10.9 European Commission, DG VII, “Capacity and delay in Airports”, 1996
- 10.10 European Commission, DG XIII, “Risk Assessment and Risk Management”, 1996
- 10.11 Swiss Federal Institute of Technology (ETH), “Hazardous Material Routing and Scheduling”, 1992
- 10.12 Institut National de Recherche sur les Transports et leur Securite (INRETS), Paris France, "Combine Location-Routing Models for Hazardous Materials Transportation and Disposal", June 1990
- 10.13 University of Connecticut, Storrs, CT., "An Analysis of Hazardous Materials Routing and Scheduling Models", October 1989
- 10.14 Escuella Polytechnica Litoral (ESPOL), ECUADOR, "Technology Transfer and Transportation Research in Developing Countries", January 1988

## **11.0 CONFERENCE PARTICIPATION**

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### **11.1 Participation in the Organization of Scientific Conferences**

- 11.1.1 Member of the Organizing Committee of the 3rd International Congress on Transportation Research in Greece, 2006, Thessaloniki, 19-20 May, 2006, Greece
- 11.1.2 Member of the Organizing Committee of the 2nd International Congress on Transportation Research in Greece, 2004, Athens, 26-27 February, Greece
- 11.1.3 Member of the Organizing Committee of the at the 17<sup>th</sup> International Logistics Congress “Logistics from a to Ω: Strategies and Applications”, 18-20 October 2001, Thessaloniki, Greece
- 11.1.4 Member of the Organizing Committee of the 13<sup>th</sup> National Conference of Hellenic Operational Research Society, University Of Piraeus, 30/11-1/12 2000
- 11.1.5 Member of the Organizing Committee of the “5<sup>th</sup> International Conference of the Decision Science Institute”, Athens, July 1999, Greece
- 11.1.6 Honorary Member of the Organizing Committee of the International Conference on “Air Transport and Airports”, Athens, December 1998, Greece

- 11.1.7 Member of the Organising Committee of the 12<sup>th</sup> Conference of EEEE, Samos Greece 1998
- 11.1.8 Member of the Organizing Committee of the 8<sup>th</sup> International Federation of Automatic Control Symposium on Transportation Systems, Chania, Greece, 1997
- 11.1.9 Member of the Organizing Committee of the “4<sup>th</sup> International Conference on Advanced Technologies in Transportation”, Capri, Italy, 1992

## **11.2 Chairman of Conference Sessions**

- 11.2.1 Chairman of a session on Traffic Modelling at the 3rd International Congress on Transportation Research in Greece, and Member of the scientific committee, 19-20 May, 2006, Thessaloniki, Greece
- 11.2.2 Chairman of a session on Mathematical Modelling and Simulation at the 2nd International Congress on Transportation Research in Greece, 2004, Athens, 26-27 February, Greece
- 11.2.3 Chairman of a session on Logistics Applications at the 17<sup>th</sup> International Logistics Congress “Logistics from a to Ω: Strategies and Applications”, 18-20 October 2001, Thessaloniki, Greece
- 11.2.4 Chairman of a session on the 13<sup>th</sup> National Conference of Hellenic Operational Research Society, University Of Piraeus, 30/11-1/12 2000
- 11.2.5 Chairman of a session on the EUROLOG 2000: Logistics Challenges-Better, Faster, Cheaper, European Logistics Association, Athens, Greece, 14-16/5/2000
- 11.2.6 Chairman of a session on Environmental Design and Eco Systems management at the 12<sup>th</sup> Conference of EEEE, Samos, Greece 1998
- 11.2.7 Chairman of a session on Transport Systems Management at the 11<sup>th</sup> Conference of EEEE, Athens, Greece 1997
- 11.2.8 Chairman of a session on Multicriteria Evaluation Methods at the 8th Symposium on Transportation Systems, and Member of the organising committee, Chania Greece 1997
- 11.2.9 Chairman of a session on Chemical Accidents/Hazardous Materials at the International Emergency Management and Engineering Conference 1995, Nice France, 9-12- May 1995
- 11.2.10 Chairman of a session on Queuing Based and Probabilistic Models, ISOLDE VI, Lesvos and Chios, June 16-24, 1993
- 11.2.11 Chairman of a session at the Nashville ORSA/TIMS Joint National Meeting, May 1991

11.2.12 Chairman and organizer of a session on Hazardous Materials Routing at the New York ORSA/TIMS Joint National Meeting, October 1989

11.2.13 Chairman and organizer of a session on Microcomputer Software Development Related to the 1985 Highway Capacity Manual at the 5th National Conference on Microcomputers in Civil Engineering, Orlando, November 1987

11.2.14 Chairman and organizer of two sessions on Hazardous Materials Routing at the St. Louis ORSA/TIMS Joint National meeting, October 1987

### 11.3 Presentation of papers

11.3.1 “A comparative assessment of the decision-making process for financing transport infrastructure projects in Greece under Public financing and Public-Private partnerships”\*, 87th Transportation Research Board Annual Meeting, 13-17 January 2008, Washington D.C., U.S. (with C.S. Tsanos)

11.3.2 “An Integrated Passenger Information System for Multimodal Trip Planning”, 87th Transportation Research Board Annual Meeting, 13-17 January 2008, Washington D.C., U.S. (with V Spitadakis, and K.N. Androutsopoulos)

11.3.3 “Solving the multi-criteria time dependent routing and scheduling problem with time windows in multimodal transportation networks”\*, 86th Transportation Research Board Annual Meeting, 21-25 January 2007, Washington D.C., U.S. (with K.N. Androutsopoulos)

11.3.4 “Shortest paths and vehicle routing in dynamic roadway networks”, 86th Transportation Research Board Annual Meeting, 21-25 January 2007, Washington D.C., U.S. (with Y. Salouras)

11.3.5 “A methodological framework for analysing institutional settings in transport policymaking”\*, 86th Transportation Research Board Annual Meeting, 21-25 January 2007, Washington D.C., U.S. (with C.S. Tsanos)

11.3.6 “Advanced Modelling capabilities for airport performance assessment”, 86th Transportation Research Board Annual Meeting, 21-25 January 2007, Washington D.C., U.S. (with M.A. Madas)

11.3.7 “A Problem-Oriented Decision Support System for Total Airport Performance Assessment”, 21st European Conference on Operational Research “OR for Better Management of Sustainable Development, July 2-5, 2006, Reykjavik, Iceland (with M.A. Madas)

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\* Poster Session

- 11.3.8 “Algorithms for Determining Optimum Itineraries in a Multimodal Urban Transportation Network” \*, 85<sup>th</sup> Transportation Research Board Meeting, January 22-26, 2006, Washington D.C., U.S. (with K. N Androutsopoulos)
- 11.3.9 “An Integrated Methodological Framework for Developing and Assessing Business Models for Flexible Transport Systems”, 85<sup>th</sup> Transportation Research Board Meeting, January 22-26, 2006, Washington D.C., U.S. (with K. N Androutsopoulos)
- 11.3.10 “PLATO Contributes to the Success of the Olympic Games”, OR47 Annual Conference of the British OR Society, September 13-15, 2005, Chester, UK (with P. Loukopoulos, Y. Pyrgiotis and D. Beis)
- 11.3.11 “PLATO Helps Athens Win Gold: Olympic Knowledge Modelling for Organizational Change and Resource Management”, 2005 Franz Edelman Award for Achievement in Operations Research and the Management Sciences, 18 April, 2005, Palm Springs, California, U.S.A. (with P. Loukopoulos, Y. Pyrgiotis and D. Beis)
- 11.3.12 “Development and Implementation of a Decision Support System for Identifying Evacuation Rounds in case of Hazardous Materials Accidents”, Conference on "Transportation Research in Greece", 2002, Athens, February 21-22, (with K. Androutsopoulos)
- 11.3.13 “Business Acceptability of Transport Pricing Strategies”, Conference on "Transportation Research in Greece", 2002, Athens, February 21-22 (with I Giannouli).
- 11.3.14 “Emerging Trends in Logistics and their Impact on Freight Transport System: A European Perspective”, 81<sup>st</sup> Transportation Research Board Meeting, Washington D.C., 13-17 January 2002, U.S.A., (with I. Giannouli)
- 11.3.15 “Heuristic Algorithms for Solving Hazardous Materials”, 81<sup>st</sup> Transportation Research Board Meeting, Washington D.C., 13-17 January 2002, U.S.A (with K. Androutsopoulos)
- 11.3.16 “Impact of SCM Trends on the Spatial Organization of Logistical Networks”, 17<sup>th</sup> International Logistics Congress: Logistics “Logistics from A to Ω: Strategies and Applications”, October, 18-20 2001, Thessaloniki, Greece, (with I. Giannouli)
- 11.3.17 “Deployment of Advanced Mobile Internet Technologies to provide Value Added Logistical Services in the Travel and Tourism Industry”, 17<sup>th</sup> International Logistics Congress: Logistics “Logistics from A to Ω: Strategies and Applications”, October, 18-20 2001, Thessaloniki, Greece, (with M. Madas)
- 11.3.18 “Optimizing Last Mile Distribution Operations for Electronic Fresh Food Retailers”, 17<sup>th</sup> International Logistics Congress: Logistics “Logistics from A to Ω: Strategies and Applications”, October, 18-20 2001, Thessaloniki, Greece, (with Y. Salouras)

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\* Poster Session

- 11.3.19 “Impacts of Trends in Logistics on Freight Transport in Europe”, 80<sup>th</sup> Annual Transportation Research Board Meeting, January 7-11, 2001, Washington D.C., USA (with I. Giannouli)
- 11.3.20 “Assessing Impacts from Introduction of Advanced Transport Telematics Technologies in Hazardous Materials Fleet Management”, 80<sup>th</sup> Annual Transportation Research Board Meeting, January 7-11, 2001, Washington D.C., USA (with K. Androutsopoulos)
- 11.3.21 “Development and Application of Methodological Framework for Evaluating the Cost-Effectiveness of an Air Traffic Management System for Europe”, 80<sup>th</sup> Annual Transportation Research, Board Meeting, January 7-11, 2001, Washington D.C., USA (with I. Giannouli)
- 11.3.22 “A Methodological Framework for Developing and Assessing SCM/Logistics System Future Development Scenaria”, EUROLOG 2000, Athens, May 2000, (with I. Giannouli)
- 11.3.23 “E-Commerce of Sensitive Products: Implications on the Organization and Design of Supply Chain”, Logistics 2000, 5<sup>th</sup> national Conference of SOLE, Athens, 29-30 September 2000 (with S. Genitsaropoulou)
- 11.3.24 “Outsourcing Logistical Operations: assessment of the Existing Situation and Industry perceptiveness”, Logistics 2000, 5<sup>th</sup> national Conference of SOLE, Athens, 29-30 September 2000 (with I. Giannouli)
- 11.3.25 “Developing an Integrated System of Optimizing Logistical Operations of perishable Goods in an E-Commerce Environment”, 13<sup>th</sup> National Conference of Hellenic Operational Research Society, University Of Piraeus, 30/11-1/12 2000, (with S. Genitsaropoulou)
- 11.3.26 “A Methodological Framework for Assessing the Impacts from the Introduction of Transport Telematics in the Hazardous Materials Logistics Operations”, 13<sup>th</sup> National Conference of Hellenic Operational Research Society, University Of Piraeus, 30/11-1/12 2000 (with K. Androutsopoulos)
- 11.3.27 “Impacts of Supply Chain Management Organization on Freight Transportation System Utilization”, 13<sup>th</sup> National Conference of Hellenic Operational Research Society, University Of Piraeus, 30/11-1/12 2000 (with I. Giannouli)
- 11.3.28 “A Decision Support System for Optimizing Logistical Operations of Petroleum Companies”, 13<sup>th</sup> National Conference of Hellenic Operational Research Society, University Of Piraeus, 30/11-1/12 2000 (with K. Androutsopoulos)
- 11.3.29 “Introduction of an Integrated evaluation Framework for Air Quality Monitoring Forecasting and Warning Systems”, 6<sup>th</sup> Annual Conference of the International Emergency Management Society, June 7-11, 1999 Delft, The Netherlands, 1999 (with I. Giannouli)

- 11.3.30 "A Methodological Framework for Assessing the degree of Integration of Urban Public Transport Systems", 78<sup>th</sup> Annual meeting of the Transportation Research Board, January 10-14, 1999 Washington D.C. (with K. Androutsopoulos and G. Vassilakis)
- 11.3.31 "Development of an Integrated Public Kiosk and WWW Based Information System" 3rd Scientific Conference of the Economics of Transport focused on Transport and Tourism, University of Piraeus, May 20, Athens, Greece 1999 (with A. Varias)
- 11.3.32 "A Decision Support System for Evaluating Transportation Projects", 5<sup>th</sup> International Conference of the Decision Science Institute, July 1999, Athens (with I. Giannouli)
- 11.3.33 "Using analytical models for evaluating airport airside performance", Transportation Research Board 77<sup>th</sup> Annual Meeting, 1998 (with M.A. Stamatopoulos)
- 11.3.34 "A Decision Support System for Airport Strategic Planning" TRISTAN III (TRIennial Symposium on Transportation Analysis), 1998, Puerto Rico (with Odoni, A.R. and Stamatopoulos M.A).
- 11.3.35 "A Real Time Decision Support System for Roadway Network Incident Response Logistics" TRISTAN III (TRIennial Symposium on Transportation Analysis), 1998, Puerto Rico (with G.M. Vasilakis and K.N. Androutsopoulos)
- 11.3.36 "A Methodological Framework for Introducing ITS Applications for Improving the Performance of Intermodal Freight Terminals", 5<sup>th</sup> World Congress on ITS, 1998, Korea (with I. M. Giannouli)
- 11.3.37 "Design and Development of a Decision Support System for the Analysis of Airport Capacity" (In Greek), 12<sup>th</sup> Conference of EEEE, Samos, 1998 (M. Stamatopoulos)
- 11.3.38 "Design and Development of a Decision Support System for Managing Large Scale Industrial Accidents" (In Greek), 12<sup>th</sup> Conference of EEEE, Samos, 1998 (I.M. Giannouli)
- 11.3.39 "A Methodological Framework for Assessing the Degree of Integration of Urban Public Transport Systems" (In Greek), 12<sup>th</sup> Conference of EEEE, Samos, 1998 (with K. Androutsopoulos)
- 11.3.40 "Development of an Evaluation Framework for Air Transport RTD Demonstration Projects", The International Conference of Air Transport and Airports, 3-4 December, 1998, Athens
- 11.3.41 "Modelling Airport Strategic Planning Decisions", The International Conference of "Air Transport and Airports", 3-4 December, 1998, Athens
- 11.3.42 "A Set of Approximate and Compatible Models for Airport Strategic Planning on Airside and Landside", FAA-Eurocontrol Air Traffic Management seminar, Orlando, 1998 (with G. Adreatta, Brunetta L., Odoni A.R., Righi L. and M. Stamatopoulos)



- 11.3.43 “A Multicriteria Decision Making Methods for Evaluating Alternative Transportation Projects”, 8<sup>th</sup> IFAC Symposium on Transportation Systems, Technical University of Crete, 1997 (with R. Driggs, S. Zanakis)
- 11.3.44 “An Analytical Model for Runway System Capacity Analysis”, 8th IFAC Symposium on Transportation Systems, Technical University of Crete, 1997 (with M. Stamatopoulos, and A.R. Odoni)
- 11.3.45 “Methodological and Practical Issues in Incident Response Operation”, 8<sup>th</sup> IFAC Symposium on Transportation Systems, Technical University of Crete, 1997 (with G. M.Vasilakis)
- 11.3.46 “A Decision Support System for Incident Management”, 7<sup>th</sup> NINI Euroconference-DSS-Multimedia-Groupware-Electronic Commerce, Brudges Belgium, 24-27 March 1997 (with G. M.Vasilakis)
- 11.3.47 "Development of Mathematical Models and Solution Techniques for the Computation of the Capacity and Delays in Airports” (In Greek), The 11<sup>th</sup> Conference of EEEE, Glyfada 1997 (with M. Stamatopoulos and A.R. Odoni)
- 11.3.48 "Development of a Decision Support System for Traffic Incidents Management”, (In Greek), The 11<sup>th</sup> Conference of EEEE, Glyfada 1997 (with G. Vasilakis)
- 11.3.49 "A Decision Support System For Vehicle Routing Problem with Time Windows, based on Geographical Information Systems" The 11<sup>th</sup> Conference of EEEE, Glyfada 1997 (with N. M. Kritikos and G. Prastacos)
- 11.3.50 "Management of Air Quality Monitoring Networks" (In Greek), presented at the 2<sup>nd</sup> Hellenic Conference on Environmental Science University of Aegean, 1997 (with M. Christolis, D. Brillakis, N. Manalis, L. Viras, G.Ziomas and N. Markatos)
- 11.3.51 "A Methodological Framework for Evaluating Large Scale Industrial Accidents-ARTEMIS Project", The 1<sup>st</sup> Hellenic Chemical Engineering Conference, University of Patras, May 1977 (with I. Theodorakis, Kourniotis, Christolis and N. Markatos)
- 11.3.52 “Analysis of the Service Restoration Operations of a Large Rural Utility Company”, IEEE Conference, (with Douligeris, C. and G. Develekos)
- 11.3.53 “An expert system for the on-scenemanagement of hazardous materials incidents”, International Emergency Management and Engineering Conference 1995, Nice France, 9-12- May 1995, (with G.M. Vasilakis)
- 11.3.54 “A framework for integrating real time information and decision support system for incident management operations”, 28<sup>th</sup> ISATA Conference, 18-22 September, 1995 (with T. Nathanail and G. M. Vasilakis)

- 11.3.55 “ An application of the Analytic Hierarchy Process (AHP) for selecting alternative designs for a major arterial street”, 4th Balkan Conference, Thessaloniki 16-19 October 1995 G. (with M. Vasilakis)
- 11.3.56 “Evaluating the potential of ATT technologies in Hazardous Materials Transportation Risk Management”, 4th International Conference on Advanced Technologies in Transportation Engineering, Capri Italy, 1995, pp. 480-484 (with G. M. Vasilakis)
- 11.3.57 “An integrated information system for hazardous materials risk management”, International Emergency Management and Engineering Conference 1995, Nice France, 9-12- May 1995, pp.404-406 (with G. M. Vasilakis)
- 11.3.58 "Using a GIS Platform for Design and Analysis of Emergency Response Operations," TIEMEC 94, Hollywood Beach, FL., April 18-21, 1994 (with C. Douligeris, and P. Tsoumpas)
- 11.3.59 "Hurricane Andrew and Emergency Preparedness for Electric Power Restoration", TIEMEC 94, Hollywood Beach, FL., April 18-21, 1994 (with E.Apospori and M.Miranda)
- 11.3.60 "Optimum Incident Management for Minimizing Vehicle Emissions," Conference Transport and Environment Hellenic, Institute of Transportation Engineers, Athens, Greece, May 4-5, 1993, (with T. Nathanail)
- 11.3.61 "A Multiobjective Model for Hazardous Waste Routing and Siting Decisions", ISOLDE VI, Lesvos and Chios, June 16-24, 1993
- 11.3.62 "A Linear programming Based Tree-Search Algorithm for Solving the Inverse Center Problem with Capacity Constraints," ISOLDE VI, Lesvos and Chios, June 16-24, 1993
- 11.3.63 "Real Time Public Transport Information Systems in SCOPE", Pacific Rim Transtech Conference, Seattle, WA., July 25-28, 1993, (with Y. Stephanedes and M. McDonald)
- 11.3.64 "Analysis and Optimization of Distribution System Reliability through the Optimization of the Emergency Response Operations", IEEE/NTUA Athens Power Tech Conference, APT '93 Athens, Greece, Sept. 5-8, 1993 (with C. Douligeris and G. Develekos)
- 11.3.65 "A Model for the Optimum Deployment of Emergency Repair Trucks: An Application in the Electric Utility Industry" 71st Annual Transportation Research Board Meeting, Washington D.C., January”, 12-16, 1992, (with C. Douligeris and L. Chaoxi)
- 11.3.66 "Employment Impacts of State Highway Investments Along Major Highway Corridors", 71st Annual Transportation Research Board Meeting, Washington D.C., January 12-16, 1992, (with Y. Stephanedes)

- 11.3.67 "Integrated Traffic Management and Traveler Information in a Multimodal Network", the Third International Conference on Vehicle Navigation/Information Systems, Oslo, Norway, August 1992, (with Stephanedes, Y.J. and Ch. Veinoglou)
- 11.3.68 "Improving Distribution System Reliability Through the Optimum Deployment of Service Restoration Crews: The Florida Power and Light Experience", Inter-Ramq Conference for the Power Industry, (with C. Douligeris, P. Tsoumpas, and J. B. Glass)
- 11.3.69 "A Model for the Optimum Deployment of Service Restoration Units", ORSA/TIMS Joint National Meeting, Nashville, TN., May 12-15, 1991, (with C. Douligeris and L. Chaoxi)
- 11.3.70 "Freeway Incident Delay Minimization Through the Optimum Deployment of Emergency Response Units", ORSA/TIMS Joint National Meeting, Nashville, TN., May 12-15, 1991, (with T. Nathanail)
- 11.3.71 "An Analytical Framework for Minimizing Freeway Incident Response Time", 2nd International Conference on Applications of Advanced Technologies in Transportation Engineering, Minneapolis, MN, August 17-21, 1991, (with T. Nathanail)
- 11.3.72 "A Multicriteria Decision Making Model for Selecting the Location of a Highway Transportation Corridor," ORSA/TIMS Joint National Meeting, Anaheim, CA., November 3-6, 1991, (with R. Driggs and S. Zanakis)
- 11.3.73 "Integrating Geographic Information System (GIS) and Automatic Vehicle Location (AVL) Technologies for Improving the Emergency Response Capabilities of Electric Utilities", 2nd Conference on Vehicle Navigation and Information Systems, Dearborn, Michigan, October 23-25, 1991 (with C. Douligeris)
- 11.3.74 "A Methodological Framework for Evaluating on Board Computer Technology in Emergency Dispatch Operations," 2nd Conference on Vehicle Navigation and Information Systems, Dearborn, Michigan, October 23-25, 1991 (with C. Douligeris, J. Haupt and J. Jordan)
- 11.3.75 "Hazardous Materials Routing and Siting Decisions: Factors Affecting the Preferences of Fire Chiefs", 69th Annual TRB meeting, Washington D.C., January 1990, (with S. Warkov)
- 11.3.76 "Risk and HAZMAT Policy: The Perceptions of Connecticut Fire Chiefs," ASCE conference on State and Local Issues in Transportation of Hazardous Materials: Towards A National Strategy, St. Louis, MO. May 14-16, 1990, (with S.Warkov)
- 11.3.77 "A Simulation Model for Improving Service Restoration time Through The Optimum Deployment of Service Restoration Units," IFORS'90 Athens, Greece, June 25-29, 1990, (with L. Chaoxi, and J. Mitchell)

- 11.3.78 "A Location Allocation Model for Designing Service Restoration Districts: An Electric Utility Paradigm," ORSA/TIMS Joint National Meeting, Philadelphia, PA., October 29-31, 1990, (with C. Douligeris and L. Chaoxi)
- 11.3.79 "Analysis of Bridge Maintenance and Rating Procedures", presented at the 5th International Conference on Structural Safety and Reliability, San Francisco, CA., August 7-11, 1989, (with Y. Hachem and M. Soltani)
- 11.3.80 "An Expert System for Arterial Capacity Analysis and Design", CORS/TIMS/ORSA Joint National Conference, Vancouver, B.C., May 1989, (With V. Chaudhary)
- 11.3.81 "SIGNALEXPERT: An Expert System for Signalized Intersection Analysis and Design", 3rd International Conference on Microcomputers in Transportation-ASCE, San Francisco, CA., June 21-23, 1989, (with M. Theeran)
- 11.3.82 "Computer-Aided Visual Impact Analysis for APM Systems", 2nd International Conference on APM, Miami, Fl., March 13-15, 1989, (with I. Canete and R. Langendorf)
- 11.3.83 "Hazardous Materials Routing and Scheduling: A Survey", ORSA/TIMS Joint National Meeting, New York, N.Y., October 1989, (With M. Turnquist)
- 11.3.84 "Sufficiency Rating as Means of Bridge Inspection and Evaluation in the U.S", 6th National Conference on Microcomputers in Civil Engineering, ASCE, 1988, (with Hachem, Y., M. Soltani)
- 11.3.85 "Transportation Research and Technology Transfer in Developing Countries", ESPOL, Ecuador, January 1988.
- 11.3.86 "A Multiobjective Location Routing Model for Improving the Safety of Hazardous Wastes Transportation and Disposal", VIII International MCDM Conference, Manchester, England, Aug. 21-26, 1988 (with S. Samara)
- 11.3.87 "A Multiobjective Model for Locating Public Facilities on an Uncongested Transportation Network", VIII International MCDM Conference, Manchester, England, Aug. 21-26, 1988 (with H.S. Levinson, R.G. Cromley and A.A. Sissouras)
- 11.3.88 "An Expert System for Signalized Intersection Design", ORSA/TIMS Meeting, Denver, Oct. 23-26, 1988 (with C. Vishvjeet and M. Theeran)
- 11.3.89 "Multicriteria Location-Routing Models for Hazardous Waste Transportation and Disposal", ORSA/TIMS Meeting, Denver, Oct. 23-26, 1988
- 11.3.90 "Microcomputer Transit Capacity Analysis Based on the 1985 Highway Capacity Manual", 5th National Conference on Microcomputers in Civil Engineering, ASCE, 1987, (with N. Bellamy)
- 11.3.91 "Integrating Spreadsheet and an Expert System for Calculating Signalized Intersection Capacity", 5th National Conference on Microcomputers in Civil Engineering, ASCE, 1987, (with S. Malasri, and S. Samara)

- 11.3.92 "TSM, How Effective? Some Perspectives on Benefits and Impacts", 66th Annual Transportation Research Board Meeting, Washington, D.C., January 1987 (with H.S. Levinson and M. Goldenberg)
- 11.3.93 "Improving Port Operations Through Service Demand Reallocation", ORSA/TIMS Meeting, New Orleans, LA, May 1987 (with W. Martinez)
- 11.3.94 "A Combined Location-Routing Model for Hazardous Wastes Transportation and Disposal", ORSA/TIMS Meeting, New Orleans, LA, May 1987
- 11.3.95 "A Capacitated Multiobjective Location-Routing Model for Transporting Hazardous Wastes", 3rd Mini-Euro Conference on Operations Research Methods in Transport Planning and Traffic Control, Herceg Novi, Yugoslavia, June 1987 (with S. Samara)
- 11.3.96 "Low-Volume Roadway Network Improvements and Accessibility of Public Facilities Located in Rural Areas", 4th International Conference on Low-Volume Roads, Cornell University, August 1987 (with R.G. Cromley)
- 11.3.97 "Modeling Large Scale Public Facility Location Problems", International Conference on Planning and Design Theory, Boston, MA., August 1987 (with R.G. Cromley)
- 11.3.98 "Use of Microcomputer Aided Drafting Software in Displaying the Results of Hazardous Wastes Routing Models", 5th National Conference on Microcomputers in Civil Engineering, ASCE, 1987, (with M. Soltani, and M. Mathes)
- 11.3.99 "A Capacitated Shortest Path/Maxi-Sum Model for Routing Hazardous Wastes", ORSA/TIMS St. Louis Meeting, October 1987 (with S. Samara)
- 11.3.100 "Transportation System Management in Connecticut: Attitudes and Actions", 65th Annual Transportation Research Board Meeting, Washington, D.C., January 1986 (with H.S. Levinson)
- 11.3.101 "Modeling the Process of Hazardous Wastes Transportation", ORSA/TIMS Meeting, Miami Beach, FL, October 1986
- 11.3.102 "Enhancing the Safety of Hazardous Materials Transportation Through Routing: A Multi-objective Programming Approach", Second International Symposium on Transportation Safety, Athens, Greece, June 1985 (with C.F. Davis)
- 11.3.103 "An Iterative Goal Programming Algorithm for Routing Hazardous Materials", ORSA/TIMS Meeting, Atlanta, GA, November 1985 (with C.F. Davis)
- 11.3.104 "A Multiobjective Hierarchical Model for Locating Public Facilities on a Transportation Network", ORSA/TIMS Meeting, Atlanta, GA, November 1985 (with R.G. Cromley and H.S. Levinson)
- 11.3.105 "Passenger Service Time in a no Fare Bus System" Committee on Bus Transit. 64 TRB Annual Meeting, January 14-17, 1985, Washington, D.C. (with H.S. Levinson)

11.3.106 "Community Energy Conservation Programmes in Greece", International Conference on Passive and Low Energy Architecture, June 27-July 3, 1983, Chania, Crete, Greece (with Warkov and Joerges)

11.3.107 "Consumer Energy Conservation Policies in Greece", International Conference on Consumer Behavior and Energy Policy, Nordwijkerhout, The Netherlands, September 26-29, 1982 (with Warkov and Joerges)