

**Prof. Dr.**  
**G. A. Giannopoulos**

**CURRICULUM VITAE**

**Thessaloniki, 2010**

## CURRICULUM VITAE

### George A. GIANNOPOULOS

**NATIONALITY:** Greek

**PROFESSION:** Transportation Planner

**CURRENT POSITION:**

- Professor of Transportation Engineering, Dept. of Civil Engineering University of Thessaloniki Greece, Transport Engineering Laboratory
- Director, Hellenic Institute of Transport, National Centre for Research and Development, Greece.

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National Institute of Transport  
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#### ACADEMIC DEGREES AND DIPLOMAS

1968 Diploma of Civil Engineer, National Technical University of Athens

1970 Diploma of Imperial College (DIC)

1971 Master of Science (Eng.) in Transportation Planning and Engineering, Imperial College, University of London

1973 Doctor of Philosophy, PhD, in Transport, University of London (Imperial College)

2010 Honorary Doctor of Science (Hon D SC), Kingston University, London.

#### SUMMARY OF RESEARCH INTERESTS AND EXPERTISE

His research interests and areas of expertise (gained in the nearly 30 years of professional life) cover the following main areas:

- Freight transport and intermodality: All areas of freight and fleet management (planning of facilities, organisation and operation of freight companies, and planning, organisation and operation of freight terminals).
- Ports planning and management – maritime transport: Organisation and planning of port and maritime transport services, port privatisation.

- ICT (Information Communication Technologies) applications in the field of Transport especially freight and maritime transport: Feasibility, planning, implementation and evaluation issues.
- Transport planning and modelling especially urban transport planning and management issues (application of the 4 stage planning process for demand forecasting in urban and interurban areas, traffic and public transport planning and management, impacts assessment, etc).
- Transport Policy. Systematically he has participated in many Greek and EU policy formulation bodies, in the field of Transport, and has chaired many Committees advising on policy issues. Also served for 7 years as counsellor to the Greek Minister of Transport and his deputy for European affairs (ECMT, EU).
- Systems integration and project management. In this field, his expertise runs back to more than 25 years of work and participation in very many studies as a project manager. Of particular importance is his expertise in setting up and managing pilot applications and demos in the field of transport.

## LANGUAGES SPOKEN

**Greek** (Excellent), **English** (Excellent), **French** (good).

## RECORD OF ACADEMIC POSITIONS AND EXPERIENCE

### A. POSITIONS

1970 - 1972	Research Assistant at Imperial College, University of London.
1974 - 1975	Scientific Assistant at the Town Planning section, School of Architecture, National Technical University of Athens
1975 - 1978	“Special Scientist”, University of Patras, Greece
1978 - 1982	Assistant professor (on a three year contract), Civil Engineering Department, Aristotle University of Thessaloniki
<b>1982 - today</b>	Professor, of Transportation Engineering, Civil Engineering Department, Aristotle University of Thessaloniki
1981 - 2002	Director (and founder) of the Laboratory of Transport Engineering, Civil Engineering Dept, Aristotle University of Thessaloniki.
1984 - 1986	Director, Transport and Organisation Section, Civil Engineering Department, Aristotle University of Thessaloniki.
1992 – 1994	Chairman, Civil Engineering Department, Aristotle University.
1986 (2 <sup>nd</sup> Semester.)	Visiting Research fellow at the Massachusetts Institute of Technology (MIT), School of Management, and the Transportation Centre, Cambridge, USA
1987 (1st Semester.)	Visiting Scientist, at the University of California Berkeley, Civil Engineering Department, USA

- 1997 - today** Visiting professor, postgraduate school, Institute of Economics and Maritime Transport, ITMMA, University of Antwerp, Belgium.
- 2000 – today** Director, Hellenic Institute of Transport (HIT), National Center for Research and Development (CERTH)
- 2003 – today** Director, of the inter-departmental programme of Postgraduate studies in Transport Planning and Organisation, jointly organised by the departments of Civil Engineering, and Surveying Engineering, University of Thessaloniki, and the Hellenic Institute of Transport.

## ***B. ACADEMIC WORK AND EXPERIENCE***

The academic work and experience includes *teaching, research, supervision or review of PhDs* as a member of the jury, and *participation or organisation of scientific workshops and Conferences*.

### **Teaching**

#### **a. Undergraduate Courses**

- \* Transportation Planning - AUTh<sup>1</sup> (1978-today)
- \* Traffic Engineering - AUTh (1978-1985)
- \* Maritime Transport - AUTh (1997 - 2003)
- \* Public Transport Operation - AUTh (1985-today)
- \* Railway Design and Operation - AUTh (1978-1981)
- \* Highway Design - UP<sup>2</sup> (1976 - 1978)

#### **b. Postgraduate Courses**

- \* Transport Policy, IPCT<sup>3</sup> (2003 – today)
- \* Maritime Transport and port planning, IPCT (2003 – today)
- \* Air Transport IPCT (2006 – today)
- \* Advanced Transport Systems, AUTh (1996 - today)
- \* Environmental impacts of Transport infrastructure and policies, AUTh (1998)
- \* Port operations and re-engineering of port processes, Univ of Antwerp, ITMMA (1997-today)

- c. He is the head of the **Postgraduate course on Planning, Organization and management of Transport Systems** that is jointly organized by the Departments of Civil Engineering and Surveying Engineering of the Aristotle University of Thessaloniki and the Hellenic Institute of Transport.

### **Research Work**

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<sup>1</sup> AUTh = Aristotle University of Thessaloniki,

<sup>2</sup> UP = University of Patras

<sup>3</sup> IPCT = Interdepartmental Postgraduate Course on Transport

Since 1979 when he founded the Laboratory of Transportation Engineering, at the Civil Engineering Department, Aristotle University, he has participated in more than 150 funded research projects in most of which as scientific co-ordinator (and project manager). In the three-year period 1998 – 2000 the Laboratory of Transportation Engineering, to which he was the Director, was the first Laboratory in the whole of the Aristotle University in terms of number of research projects and their research budget.

For details of research projects work, see section: PARTICIPATION IN TRANSPORTATION STUDIES AND RESEARCH PROJECTS.

### **Supervision of PhDs**

Since 1982 he has been responsible, as principal supervisor, in the following PhD Theses. He has also been a member of the Jury for more than 30 other PhD Theses in the Aristotle University and other Universities in Greece and abroad.

1. “*Modelling of Land Use and Transport Integration*”, by M. Pitsiava - Latinopoulou. Year of award 1982
2. “*Environmental Impacts of Traffic in urban areas*”, by Sp. Vougiaris. Year of award: 1984
3. “*Road Accident Analysis with reference to the geometric characteristics of the Road*” by P. Papaioannou. Year of award: 1985.
4. “*Organization and operation of the Freight Transport System in Greece*”, by Aristotle Naniopoulos, Year of award 1985.
5. “*Design Guidelines for forest roads*”, by N. Nikou, Year of award 1987.
6. “*Accessibility indices for railway stations in the Greek railway network*”, by George Boulougaris, Year of award: 1986
7. “*Analysis of the operational cost for international road transport from Greece to W.Europe*”, by George Fotiadis, Year of award: 1988.
8. “*Optimization of the Capacity of a road network*” by Karin Grammenidou. Year of award: 1995
9. “*Incident Detection and evaluation of strategies for road traffic*”, by E. Nathanail. Year of award: 1996.
10. “*The use of GIS systems in parking management*”, by Socrates Basbas. Year of award 1996.
11. “*Noise impact analysis for airports*” by D. Tsouka. Year of award: 1997.
12. “*Analysis of the Modal Split patterns for intercity travel between Region of Thrace and the rest of Greece*”, by S. Varagouli. Year awarded 1998 (University of Thrace).
13. “*Use of artificial intelligence in selecting traffic control strategies in Urban areas*”, by M. Mustafa-Satar: Year awarded 2000.
14. “*Behavioral response analysis in Public Transport system changes*”, by H. Giannitsopoulou: Year awarded 2001.

15. “*Interoperability between railway systems in S.E.European countries*”, by K. Giannakos: Year awarded 2001.
16. “*Application of Genetic Algorithms and expert systems in optimising vehicle scheduling in delivery systems*”, by G.Aifandopoulou – klimis, Year awarded 2002.
17. “*An integrated Model of Management of Information and Data in Public Transport Organisations*”, by Yannis Tirinopoulos, Year awarded 2002.
18. “*Application of Genetic Algorithms in solving the problem of train scheduling*”, by Anastasios Lambropoulos, Year awarded 2002.
19. “Modal split considerations for freight transport in Greece”, by T. Moschovou, **(current)**.
20. “Organisation and Planning of Movement of dangerous goods movement in Greece”, Mr. K. Zaharis **(current)**.
21. “Driver behaviour and assistance in the intelligent car of the future”, M. Panou, **(current)**.
22. “Driver cognitive engineering measures”, M. Gemou, **(current)**.
23. “Assessing the influence of organisational and business development of freight transport companies in Greece, on output and quality of service”, Gr. Tasoulas **(current)**.

Member of the Jury in the following PhD Theses, in Universities outside Greece:

1. Lyon II University. Title of Thesis “the socio-economics of coal movement in France”, by Ev. Sambrakos.
2. Nanyang Technological University, School of Civil and Structural Engineering, Singapore. Title of Thesis: “*Automated Incident Detection on Expressways*”, by Mak Chin Long.
3. Free University of Brussels – VUB, Electrical Engineering Department. Title of Thesis: “*Viability and applicability of the Electrical Vehicles in Greece*”, by Ev. Vassilakos.

### **Organisation of Workshops and Conferences**

He has participated in more than 130 Conferences and scientific workshops throughout his 30 years of professional life so far. In most of those he presented a paper or chaired a session.

Highlights:

- For 10 consecutive years (from 1979-1988) he organised in the Aristotle University once yearly a three-day workshop on a specific topic each year. He has organised and chaired 9 major International Conferences in Greece on various Transport Related topics (in 1979, 1981, 1985, 1990, 1996, 1999, 2001, 2004, and 2006), and 2 outside Greece (2 in South East Europe as part of his SETREF activities, 4 in Europe, and 2 in South East Asian countries as part of EU funded projects).
- Chairman of TRANSLINK 1979 (International Conference and Workshop in conjunction with the POSEIDONIA expo).

- Chairman of the special 50th Round Table meeting at the ECMT/OECD held in Paris (1980) to determine directions for future research in the field of Transportation within ECMT.
- Speaker to a series of 2day Workshops held on *Urban Public Transport Operation* in 4 major cities of Australia in 1994 (Brisbane, Sydney, Melbourne, Perth) following publication of his 2<sup>nd</sup> book in English.
- Three Conferences were organised and chaired by him in the period 1996 – 2001. They were two in Thessaloniki, in 1996 and 1999, and one in Budapest in 2001. These were the 1<sup>st</sup> and 2<sup>nd</sup> *International Conferences on Intermodal Transport and Transit in S.E. Europe*, which he organised in co-operation with HELEXPO (the largest Greek exposition and Conferences Organisation). The first of these Conferences was the initiator of the South East European Transport Research Forum – SETREF, which he chaired at the time. The third Conference was the International Conference on “Cost effective infrastructure and services for Transport in South East Europe”, which he organised as president of SETREF and chaired in Budapest, Hungary in October 2001.
- Main keynote speaker and animator on a special workshop on Transport policy organised by the Anatolia College of Thessaloniki, 2001.
- Main keynote speaker and animator on a two day workshop on Transport issues for South Eastern European Transport, organised on behalf of the Chambers of Commerce of all South Eastern European countries by the liaison office of the Association of German Chambers of Commerce (DIHK) and the association of Balkan Chambers (ABC), Kavala 2002.
- Chairman of the Scientific Committee of the 3 (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup>) International Conferences on Transport Research in Greece (in 2002, 2004, 2006, and 2008).
- Keynote speaker in several International Conferences among which the 1<sup>st</sup> TRA (Transport Research Arena) Conference in Gothenburg 2006, the TRANSTEC Conference 2004, the 3<sup>rd</sup> International Conference on Greek Transport Research 2006, the ECMT Symposium on the theory and practice of Transport Economics, Thessaloniki, 2000, and others.
- Chairman, National Organising Committee of the *ITS Europe 2010* Conference to be held in Thessaloniki, Greece, May 19-21, 2010.
- Chaired many Sessions in Conferences, most recent ones in TRB Annual Conference 2008. 2009, 2010. ICT4EE Conference (Brussels Feb 2010), WCTR (Lisbon 2010), and so on.

## INTERNATIONAL RECOGNITION AND EXPERIENCE

1975 - today	Participation in over 50 Committees, or working Groups of International Organisations mainly the ECMT, UN/ECE, EEC, EU.
1977 - 1981	<b>Deputy</b> of the Greek Minister of Transport to the European Conference of Ministers of Transport (ECMT).
1977	<b>Chairman</b> of the Committee of Deputies of Ministers of Transport of the ECMT (European Conference of Ministers of Transport).

1976 - 1980	<b>Head</b> of the negotiating team of experts in the field of Transport, of the Greek Ministry of Co-ordination, for Greece's accession to EU.
1977 - 1980	<b>Head</b> of the Greek delegation in the negotiations between the European Community and third countries for the harmonisation of the rules concerning occasional passenger transport services in Europe
1978 - 1979	<b>Chairman</b> of the ECMT working group appointed to study the problems of freight transport in transit in Europe
1981 - 1982	<b>Chairman</b> of the Economic Research Committee of the ECMT/OECD
1980	Member of the Committee of independent consultants for the review of the Trans-European Motorway project of the ECE/UNDP (North-South Motorway)
1976 - 1978	Member of the Greek delegation that negotiated the agreement between Greece and Syria for the introduction of ferryboat services between the two countries
1986 - 1990	<b>Co-ordinator</b> for Greece of the European Science Foundation's, (ESF) research network on Transport Communications and Mobility (NECTAR).
1988 - 1992	<b>Co-Chairman</b> of Group 2 of the NECTAR research network of the ESF on the future of Transport in Europe.
1987 - 1988	Member of the team of experts that created the work plan of the first Transport Telematics programme (DRIVE) of the EU.
1988	<b>Chairman</b> of the ECMT's, Round Table 80 on Road Pricing.
1988 - 1992	Greek representative to the Management Committee of the EU's Transport Telematics (initially) and Information Society Technologies – Transport Working Group Programme (DGXIII).
1990 - 1991	Rapporteur of the Transport Group (A2) of the “European Nervous System” (ENS) Programme of DGXIII, EU.
1992 - 1993	Expert on Transport, assigned by the Greek Ministry of Research and Industry to the Science and Research Committee (CREST) of the EU (DGXIII).
1992 - 1994	<b>Chairman</b> of Area 6 (Freight Transport) of the EU's Transport Telematics programme.
1993	Member of the Steering Committee of the European Science Foundation.
1995 - 1999	<b>Chairman</b> of the Intermodal Freight Transport Area, Transport Telematics Programme.
1997 - today	Founding member and first president of the South East European Research Forum.
2001	Member of the 20-man strong Information Society Advisory Group (ISTAG) of the EU's DG INFSO, to advise on the future of Technology in the EU (Scenarios for Ambient Intelligence 2010).

2001- 2003	Member of the ROSETA Think Tank group, to advise on the future strategic directions of IST (Information Society Technologies) research in Transport in the IST programme.
1997 – 2004	Founding member and <b>chairman</b> of the South East European Transport Research Forum (SETREF)
2004 – Today	<b>Vice-chair</b> of the South East European Transport Research Forum (SETRF)
2003 – Today	<b>Vice chair</b> of the Scientific Committee of the World Conference on Transport Research (WCTR).
2002	Invited by the European Conference of Ministers of Transport (ECMT) as one of seven pan-European experts to prepare a special report on the successes and failures of Transport Policies in Europe for the Ministers, on the occasion of the celebration of the 50 years from the creation of the ECMT.
2002– 2005	Member of the special (10 member) Advisory Group on sustainable Surface Transportation (SSTAG) advising the DG RTD of the EU on the 6 <sup>th</sup> FP of research.
2003 - 2007	Founding member and <b>Chairman</b> (until March 2007), of the European Conference of Transport Research Institutes (ECTRI).
2004 - Today	Member of the Intelligent Transport Advisory Group (ISTAG), DG INFSO.
2005 - Today	Member of the ERTRAC (European Road Transport Advisory Council) of EU's DG RTD (as Greek representative).
2006 - Today	<b>Vice chairman</b> and member of the Steering Committee of the high level <u>Transport Advisory Group</u> (TAG) appointed to monitor and give advise on the planning and execution of the new Transport research programme of the EU within the 7 <sup>th</sup> FRDP.
2006	Awarded the Personality of the Year award of the Black Sea Universities Network (BSUN), Varna, Bulgaria.
2007	Awarded the: <i>Outstanding International Activity Award 2006/2007</i> by the US Transportation Research Board of the US National Academy of Sciences.
2007 - Today	<b>Co-chairman</b> of the high level Working Group on <b><i>“EU / US cooperation in Transport Research”</i></b> of the US/TRB and ECTRI.
2008 – Today	<b>Chairman</b> of the <b><i>Transport Advisory Group</i></b> (TAG) of the Directorates General of RTD and Transport and Energy of the EU.
2009	Member of the International Activities Committee of the Transportation Research Board (US Academy of Sciences)
2009	Profile in TR News (US/Transport Research Board), No. 261, March-April 2009
2010	Awarded the Honorary Doctor of Science Degree from Kingston University, London.

## BOOKS

1. "*Transportation Planning and Traffic Engineering Volume 1: Basic Principles*", Book published with co-author J.M. Frantzeskakis, Athens 1977, 260 pages, 2nd Ed. 1983, 3rd edition 1988 (in Greek).
2. "*Transportation Planning and Traffic Engineering, Volume 2, Modelling*" published by Paratiritis SA 1<sup>st</sup> Edition 1980, 2nd Edition, 1986, 300 pages.
3. "*Urban Public Transport. Volume 1, Buses*", 224 pages, Paratiritis, Thessaloniki 1988, (in Greek).
4. "*Traffic Counts and surveys*", University of Thessaloniki, 80 pages, 1986, (in Greek).
5. "*Maritime Transport*", Paratiritis, Thessaloniki, 1998.
6. "*Bus Planning and Operation in Urban Areas: A practical Guide*", 400 pages, Avebury UK, 1989, (in English).
7. "*Transport and Communications Innovation in Europe*", 369 pp, (with Dr. A. Gillespie), Belhaven Press, (in English) London, 1993.
8. "*Trip demand forecasting within the Transportation Planning process*", 320 pages, (in Greek), Paratiritis, 2002.
9. "*Surveys and Counts in Transportation*", 180 pages, (in Greek), Paratiritis, 2002.

Chapter on "**Transport policy and research issues in Greece and the EU: Current facts, prospects and priorities**", of the book published by Elsevier on the TRANSTEC Conference.

## PARTICIPATION IN SCIENTIFIC MAGAZINES AND BOOK REVIEWS

1998 – today	Member of the Editorial Board of "Transport Reviews", Taylor & Francis Group
2008 – today	Member of the Editorial Board of "Transactions on Transport Sciences" research Journal, Czech Ministry of Transport
2009	Member of the Editorial Board of TRANSPORT research Journal, Vilnius - Lithuania
2009	Member of the Editorial Advisory Board of the <i>European Transport Research Review (ETRR)</i>

The following books have been reviewed by Prof Giannopoulos, for major International Magazines (by invitation of the editor):

- *INTRODUCTION TO TRANSPORTATION SYSTEMS*, by Josef SUSSMAN, publisher: Artech House Inc., to be published in the official publication of the UK Institute of Electrical Engineers, London, 2003.
- *INCIDENT MANAGEMENT IN INTELLIGENT TRANSPORTATION SYSTEMS*, by Kaan Ozbay and Pushkin Kachroo, Artech House, 1999, to be published in the official publication of the UK Institute of Electrical Engineers, London, 2003.

- *POLICY AND PLANNING AS PUBLIC CHOICE: MASS TRANSIT IN THE UNITED STATES*, by D. Lewis and F. L. Williams, published in Transport Reviews, Vol. 21, No.2, 263-268, 2001.
- *LINKING EUROPE: TRANSPORT POLICIES AND POLITICS IN THE NEW EUROPE*, by John F.L. Ross, published in Transport Reviews, Vol.20, No.2, 267-274, 2000.
- *ITS: TRANSPORT IN EUROPE*, by Ch. Gerondeau, publisher Artech House Inc, published in Transport Reviews, Vol 18, No2, pp 97-98, 1998.
- *GEOGRAPHY AND AIR TRANSPORT*, by, Brian Graham, published in Transport Reviews, Vol.17, No.1. Pp.85-86, 1997.
- *INCIDENT MANAGEMENT IN INTELLIGENT TRANSPORTATION SYSTEMS*, by Kaan Ozbay and Pushkin Kachroo, published in the UK – Institute of Electrical Engineers Electronic review ( [http://www.iee.org/oncomms/pn/auto/reviews/ITTS\(JS\).cfm](http://www.iee.org/oncomms/pn/auto/reviews/ITTS(JS).cfm).)
- *THE PRODUCTIVE EFFICIENCY OF CONTAINER TERMINALS - An Application to Korea and the UK*, by Dong-Wook Song, Kevin Gullinane, and Michael Roe, publisher Ashgate, published in TRANSPORT REVIEWS.

## MEMBERSHIP

- Technical Chamber of Greece
- Institute of Civil Engineers of Greece
- Hellenic Road Federation
- Hellenic Institute of Transportation Engineers (Founding Chairman, and Chairman for 1984-86)
- National Geographic Society, USA
- World Conference on Transport Research Society (deputy chairman Scientific Committee 2001 – 2004)
- World Society for Ekistics

## RECORD OF PROFESSIONAL EXPERIENCE

1969 - 1972	Traffic Engineer at Colin Buchanan and Partners Transportation and Planning Consultants, UK.
1972 - 1973	Traffic Engineer at Brian Colquhoun and Partners, UK.
1973	Consultant on the pedestrianisation of Oxford Street at the Greater London Council, UK.
1974 - 1975	Supervisor of construction and design work for the Greek Army (part of military service).
1975 - 1976	Co-operation with various transportation consultant bureaus in Athens for Traffic and Transportation Studies.
1976 - 1978	Founder and first Chairman of the Hellenic Institute of Transportation Engineering (HITE)
1976 - 1981	Counsellor to the Greek Ministry of Transport.

1976 - 1981	Deputy to the Greek Minister of Transport at the European Conference of Ministers of Transport (ECMT-OECD).
1979 - 1981	Head of the Greek delegation of Technical Experts in the field of Transport that discussed with the European Community the terms of Greece's entry's.
1978 - 1980	Consultant at the Greek Ministry for Housing and Planning for the pedestrianization of the area of Plaka in Athens.
1984 - 1986	Chairman of the Hellenic Institute of Transportation Engineers (the Association of professional transportation Engineers of Greece).
1982 - 1998	Chairman of the Board, Autokinitistiki S.A. (major manufacturer of steel springs for buses and trucks in Greece).
1991	Chairman of the Committee set up by the Athens Municipality to advise on the re-organisation of the Athens Public Transport System.
1990 - 1993	Advisor to the Ministry of National Economy.
1978 – today	Professor, Aristotle University of Thessaloniki.
1981 - today	Special Advisor to Consultancies and major Organisations in the field of Transport.
2000 – today	Director, Hellenic Institute of Transport (HIT), National Center for Research and Development (CERTH).
2000 – today	Member of the Governing Board National Center for Research and Technology of Greece.
2009	Member of the Special High Level Group set up by the Bank of Greece to advise on the effects of climate change on the Greek economy and measures to be taken.

# **PARTICIPATION IN TRANSPORTATION STUDIES AND RESEARCH PROJECTS**

(Major studies and research projects)

## **2006 - 2009**

**“Intermodal freight corridors and transport development in Europe”, project FREIGHTWISE, EU 6<sup>th</sup> Framework research Programme.**

## **2005 – 2008**

**“European Freight Transport innovations”, project EFFORTS, EU 6<sup>th</sup> Framework research Programme.**

## **2006 - 2009**

**“Maritime and port intermodal interfaces for freight and logistics solutions” project MOSES, EU 6<sup>th</sup> Framework research Programme**

## **2006 - 2008**

**“Coordination, Dissemination actions in the field of Freight Transport and Logistics”, EU research project PROMIT.**

## **2006 - 2007**

**“Development of an Internet 3<sup>rd</sup> generation portal and Transport Observatory for Greece”, Hellenic Institute of Transport.**

## **2006 - 2007**

**“Maritime safety and pollution issues in Europe and South East Asia”, project GRACE, Europaid programme.**

## **2004 – 2005**

**“European – Asian approach to promoting Intermodal freight transport”, project ASIAMAR, Europaid programme.**

## **2003 - 2006**

**“Development and Installation of an innovative port management system for the port of Thessaloniki, Greece”, Port of Thessaloniki Authority.**

## **2002 – 2005**

**“Intermodal Freight Transport Corridors in South East Europe and Development of Freight Centers”, the IMONODE project, INTERREG IIIB CADSES programme (project manager).**

## **2001 - 2002**

**“Feasibility study for the non-commercial lines in the Aegean Sea”, Greek Ministry for the Aegean, project Manager (assigned to Hellenic Institute of Transport)**

## **2000 - 2004**

**“THEMIS – Thematic Network on Intermodal freight Transport”, EU sponsored 5<sup>th</sup> FP research project aimed at co-ordination and concertation of all the research efforts in the field of Freight Transport in Europe, (chairman of the project’s steering Committee).**

## **2001 – 2004**

**“GIFTS – Global Intermodal Freight Transport Solutions”, EU sponsored 5<sup>th</sup> FP research project aimed at creating a unified Internet based platform for freight transport in Europe.**

**2001 – 2002**

**“Technical and economic study of the system of “unprofitable maritime lines in the Aegean”**, a study assigned to HIT by the Greek Ministry of the Aegean.

**2000 – 2002**

**“System for Inland Maritime Transport of Greece - SETHAM”**, study assigned by the Ministries of Merchant marine and the Aegean, to a consortium of Greek Consulting bureaus paid (he was the technical co-ordinator of the project).

**2000 - 2002**

**“Dangerous goods movement analysis along the Egnatia Motorway”**, research project assigned by the EGNATIA ODOS S.A. to the Laboratory of Transport Engineering Aristotle University, aimed at creating a blueprint for safety precautions and preventive actions to manage the flow of dangerous goods on the Egnatia motorway and develop a computer model and software for estimating the risks involved and propose actions.

**1999 – 2001**

**“Feasibility study of Rail Axis no IX”**, research study assigned by the Greek Railways Organisation (OSE) to the Laboratory of Transportation Engineering of the Aristotle University of Thessaloniki (project manager).

**1998 - 2002**

**“Quality indicators for passenger transport and for infrastructure in the Greek railways”**, these are 2 research studies assigned by the Greek Railways Organisation (OSE) to the Laboratory of Transportation Engineering of the Aristotle University of Thessaloniki (project manager).

**1997 – 1998**

**“Feasibility study of Rail Axis no X”**, research study assigned by the Greek Railways Organisation (OSE) to the Laboratory of Transportation Engineering of the Aristotle University of Thessaloniki (project manager).

**1998 - 2000**

**“Strategic Transportation Master Plan Study for the Thessaloniki Greater urban area”** assigned by the Thessaloniki Planning and Environmental Protection Organisation to a Consortium of Consulting Companies (project technical manager).

**1998 - 1999**

**“DISTINCT: smart card applications for citizens information and payment in Transport”**, research project assigned by EU, DGXIII, to the Laboratory of Transport Engineering, Aristotle University of Thessaloniki.

**1998-1999**

**“Formulation of a long term strategy for Transport Research priorities in Greece”**. Study assigned by the General Secretariat for Research and Technology to TRUTH S.A. consultants (project technical manager).

**1997-1998**

**“Marketing and Business development study for the port of Volos”**, research study assigned to the Laboratory of Transport Engineering, Aristotle University of Thessaloniki, by the port of Volos Authority, (project manager).

#### **1996-1998**

***“INTERPORT: telematics applications for the container terminal in the port of Piraeus Greece”***, a research project and pilot application assigned by EU DGXIII to the Laboratory of Transport Engineering, Aristotle University of Thessaloniki

#### **1996 - 1998**

***“ADEPT II: Electronic payment in Transport”***, research project and pilot application assigned by EU DGXIII to the Laboratory of Transport Engineering, Aristotle University of Thessaloniki

#### **1996-1998**

***“IN RESPONSE: Incident Detection and management”***, research project and pilot application assigned by EU DGXIII to the Laboratory of Transport Engineering, Aristotle University of Thessaloniki.

#### **1995 - 1998**

***“SPHERE: Re-engineering of Small and Medium sized ports”***, research project assigned by EU DGVII to TRD Int'l S.A. (project manager).

#### **1995 - 1997**

***“General Consulting services to the Organisation of Greek Railways (OSE)”***, in association with TRD Int'l, S.A.

#### **1995 - 1997**

***“Business Plan and Marketing Study for the Port of Thessaloniki”***, Thessaloniki Port Authority. Research Project assigned to Aristotle University of Thessaloniki, Laboratory of Transport Engineering (Project Manager).

#### **1993 - 1995**

***“Master Plan study for an Environmentally friendly Transport system in Budapest, Hungary”*** Study assigned to TRUTh S.A. by Municipality of Budapest and PHARE programme, (Project Manager).

#### **1993**

***“Greece - 2010: Strategic Master Plan Study for the development of Transport Infrastructure in Greece”***, Ministry of National Economy, in association with TRD Int'l S.A.

#### **1993**

***“Thematic Evaluation in Transport: Greece”***, A study report with co-author Mr. M. Assimakis, for DG XVI of the EU in association with Booz Allen and Hamilton Consultants, Paris.

#### **1993**

***“Traffic management plan for the new Opera and Music building of Thessaloniki”*** research project assigned by the Thessaloniki Association of Music friends to the University of Thessaloniki, (Project Manager).

#### **1992-1993**

***“DIANOMES”***, development study of computer software for road transport distribution, assigned by the Greek Board of Industrialists with funding from the MIP funds, in association with TRUTh S.A.

#### **1992-1993**

***“Formulation of the architecture for a GIS system for the National Road Network of Greece”***, Research Project, assigned by the Ministry of Planning, Environment, and Public Works of Greece to the Aristotle University, Laboratory of Transportation Engineering (project manager).

#### **1992-1994**

**"EUROBUS", public information systems for urban bus transport**", research project under the TELEMATICS/DRIVE programme of EU, DGXIII, assigned to Aristotle University, Laboratory of Transportation Engineering.

**1992-1993**

**"INCA", Telematics applications for the transfer of data between European administrations in the fields of vehicle licences, drivers licences, and transporters licences**, "Research project assigned to the University under the EU TELEMATICS/ENS programme.

**1992-1994**

**"ADEPT", Testing of electronic payment at a toll site near Thessaloniki Greece**, research project assigned to the Aristotle University, Laboratory of Transport Engineering under the TELEMATICS/DRIVE programme of EEC, DGXIII.

**1992-1994**

**"METAFORA", Testing of Mobile Telecommunications and EDI technologies in Road Freight Transport**, research project under the TELEMATICS/DRIVE programme of EEC, DGXIII, (Technical project manager).

**1991**

**"Reorganisation of the Athens Public Transport System"** as chairman of a high level Technical Committee set up by the Mayor of Athens (Mr. A. Tritsis) to make recommendations to the government.

**1989-1990**

**"PONTIFEX - Planning of non-specific Transportations by an Intelligent Fleet Expert"**, research project assigned by ESPRIT II programme of the EU DGXIII, Laboratory of Transport Engineering, Aristotle University of Thessaloniki (project manager).

**1989-1990**

**"EUROFRET - A European System for International Road Freight Transportation Operations"**. A study assigned to TRUTH S.A. by EU DGXIII under the DRIVE programme (technical project Manager).

**1989-1990**

**"CASSIOPE-Computer Aided System for scheduling Information, Operations for Public Transport in Europe"**, a research study assigned to the Laboratory of Traffic Engineering, Aristotle University by EEC DGXIII under the DRIVE programme (project manager).

**1988**

**"Creation of a data base for port infrastructure and evaluation of the capabilities of Land-Sea interface points in Eastern Mediterranean"** assigned to the Laboratory of Transport Engineering, Aristotle University of Thessaloniki by the Ministry of National Economy and the TRANSCEM, International Center for Transport in Eastern Mediterranean, (project Manager).

**1988**

**"Feasibility study of the introduction of LRT in Thessaloniki"** assigned by the Thessaloniki Planning and Environmental Protection Organisation to the Laboratory of Transport Engineering, Aristotle University (project Manager)

#### **1987-1989**

**"Trip characteristics in the Greater Thessaloniki Area"**, A survey and study involving 10 000 household interviews and 3 500 roadside interviews assigned by the Thessaloniki Planning and Environmental Protection Organisation to the Laboratory of Transport Engineering, Aristotle University (project Manager).

#### **1987**

**"Service standards and current Situation of Urban Transport in Greece"**, a study assigned by the Hellenic Organisation for Local Government and Development (EETAA) to the Laboratory of Transport Engineering, Aristotle University of Thessaloniki (project manager)

#### **1985**

**"Reorganisation of Bus Lines in Thessaloniki"**, Technical Chamber of Greece (Northern Greece Branch) 1985 (as independent consultant).

#### **1985**

**"Road Accident Analysis and proposals for short and medium term improvements in Northern Greece"**, Ministry of Public Works, with IKTINOS Consultants, 1985

#### **1985**

**"Traffic and Public transport plan for the city of Rhodes Greece"**, transportation and traffic study for the township of Rhodes, 1985 (as independent consultant)

#### **1984**

**"Transport infrastructure improvements in the context of regional development, for the lake of Prespas area in Greece"**, study assigned by EEC/DGXVI (project Manager), 1984

#### **1984**

**"Questionnaire survey among Greek industry for the problems of freight transport"**, study assigned by EEC/DG16 to the Laboratory of Transport Engineering, Aristotle University of Thessaloniki (project Manager)

#### **1983**

**"Pre-feasibility Study of the Igoumenitsa - Volos highway"**, a study for the Greek Ministry of Public Works by the Laboratory of Transport Engineering, Aristotle University of Thessaloniki (project Manager)

#### **1983**

**"Assessment of the "Community Interest" in bridging the Rion-Antirion Straits"** a feasibility study assigned by the EEC, DGVII to the Laboratory of Transport Engineering, Aristotle University of Thessaloniki (project Manager)

#### **1982**

**"Feasibility study of a rail connection to the city of Kavala"**, a study for the Greek Railways in co-operation with Odomichaniki consultants and Messrs. K. Zekkos, S. Nonikas, (independent consultants).

#### **1982**

**"Forecasts of freight and passenger movements in Greece and tests of alternative transport networks"**, a study for the Greek Ministry of National Economy (Center of Programming and Economic Studies - KEPE) for the 5 year plan, 1982-1987 Athens, (project manager)

### **1980-1982**

**"The transport infrastructure requirements in Greece after her accession to the European Communities"**, a study for DGVII of the Commission of EEC, Laboratory of Transport Engineering, Aristotle University of Thessaloniki (project Manager).

### **1980**

**"Trans-European Motorway Project, Review Mission"**, Economic Commission for Europe/UNDP, as independent Consultant,

### **1979-1980**

**"Master Plan for the Brega New Town, Libya, Phases I and II"**, (Transport modelling and planning) for Mc Caughy, Marshall, McMillan, Athens (independent Consultant).

### **1980**

**"Short term traffic management measures for the central area of Athens"**, project manager, and team leader of the study team appointed by the Ministers of Public Works, Transport, Planning, and Industry, Athens

### **1979**

**"Urban renewal studies for the township of Kipseli and Marousi in Athens"**, Greek Ministry of Planning, Housing and Environment, independent Consultant.

### **1978-1979**

**"Traffic study for the pedestrianisation of the commercial centre of Athens in Plaka"**, Ministry of Public Works, Athens (independent consultant)

### **1976**

**"The New Athens Airport: A contribution to the problem of finding an appropriate site"**, member of working group of the Technical Chamber of Greece, Athens (independent Consultant)

### **1977**

**"Study of Freight traffic flows towards the countries of the Middle East and North Africa"**, J.M. Frantzeskakis and Associates, Athens (independent Consultant)

### **1975**

**"Organisation and Definition of Activities of the Ministry of Transport"**, Athens (as counsellor to the Minister of Transport).

### **During his student years in London (Imperial College):**

### **1972**

**"Second study of Oxford Street"**, Brian Colquhoun and Partners, London (Junior traffic Engineer).

### **1971**

**"First pedestrianisation study of Oxford Street"**, Greater London Council, London (project manager to apply own developed methodology).

### **1971**

**"Scottish Industrial Estates Corporation, study of Road Networks in Industrial Estates in Scotland"** Colin Buchanan and Partners, London (Junior Traffic Engineer).

1970

"Greenwich and Blackheath study", Colin Buchanan and Partners, London (Junior Traffic Engineer)

1969

"North-East London Study" Colin Buchanan and Partners, London (Junior Traffic Engineer)

## SCIENTIFIC PAPERS AND PUBLICATIONS

### A. Refereed Magazines

1. **Giannopoulos, G.A., (1969)** "*A New Definition of the Capacity of Urban Road Networks*", Technica Chronica, April 1974 (in Greek) ("Technika Chronika" is the official scientific publication of the Technical Chamber of Greece).
2. **Giannopoulos, G.A., (1971)**, "*Towards a comprehensive assessment of Traffic Management. The use of a simulation model*". Traffic Engineering and Control, July 1971
3. **Giannopoulos, G.A., (1973)**, "*Testing Variables by Computer Simulation*", Traffic Engineering, November 1973
4. **Giannopoulos, G.A., (1974)**, "*Pedestrianisation: London's Oxford Street Experiment*" Transportation, July, 1974
5. **Giannopoulos, G.A., (1977)**, "*An analysis of trip length and land-use patterns in the Greater Athens area*", Transportation, 6(1977)
6. **Giannopoulos, G.A., (1978)**, "*A model for the development of combined transport services in Greece*" Technica Chronica, No.4/1978 (in Greek)
7. **Giannopoulos, G.A., (1977)**, "*An evaluation of the effects of Radio Taxi Operation: The case of Athens*", Traffic Engineering and Control, Vol. 13, No.5, 1977.
8. **Giannopoulos, G.A., (1980)**, "*Fare-Free Public Transit Potential in Athens, Greece*", Traffic Quarterly, ENO Foundation, Vol.34 No.2, April 1980
9. **Giannopoulos, G.A., (1980)**, "*Traffic Aspects of the Pedestrianisation of Urban streets: Evaluation of the Greek Experience*", Technica Chronica, 1/1980 (in Greek)
10. **Giannopoulos, G.A., (1981)**, "*Metropolitan Railways: Present characteristics and Future prospects*", Transport Reviews, Vol.1, No.1, 1981
11. **Giannopoulos, G.A., (1981)**, "*Freight transport demand: some approaches to model building*", International Journal of Transport Economics, Vol. III, No.1-April 1981
12. **Giannopoulos, G.A., (1984)**, "*Land transport in South East Europe: existing situation and prospects for improvement*", Transport Reviews, Vol.4, No.1, 1984
13. **Giannopoulos, G.A., (1984)**, "*Modelling of International Freight Transport for Greece*", International Journal of Transport Economics, Vol.XI, No.1, April 1984
14. **Giannopoulos, G.A., and Pitsiava, M., (1985)**, "*Some Findings on the Interaction between*

*Transport and Land-Uses in Greece*", Transportation Planning and Technology, Vol. 10, 1985

15. **Giannopoulos, G.A., (1985), "National Policy towards Cars: Greece"**, Transport Reviews, Vol.5, No.1, 1985
16. **Giannopoulos, G.A., (1986), "A system of models for the analysis of freight movement in Greece", "Technica Chronica"** official Journal of the Technical Chamber of Greece, No. 4, 1986.
17. **Giannopoulos, G.A., and Boulougaris, G., (1989), "Definition of accessibility for railway stations and its impact on railway passenger demand"**, Transportation Planning and Technology Vol. 13, 1989
18. **Giannopoulos, G.A., (1989), "The influence of Telecommunications on transport operations"**, Transport Reviews" Vol. 9, No.1, Jan-March 1989. This paper was also translated into Chinese and presented at the Conference on "The Relationships between telecommunication and transportation" of the China Association for Science and Technology, July 1989. Also included in a special edition of the book entitled "Developing World Transport" (editor M. Heraty) published by Elsevier, 1990.
19. **Giannopoulos, G.A., (1991), "Research and Teaching in the Transport field in Greece"**, Technica Chronica special issue on technical education in Greece, 1991.
20. **Giannopoulos, G.A., and Curdes, G., (1992), "Innovations in Urban Transport and the Influence on Urban form: A historical Review"**, Transport Reviews, Vol. 12, No.1, 15-32, 1992.
21. **Giannopoulos, G.A., Pitsiava-Latinopoulou M., and Moustafa, M., (1994), "Thessaloniki Electronic Toll Collection Experiment in the ITE ADEPT project"**. Traffic Engineering and Control, Vol. 75-88, 1994.
22. **Giannopoulos, G.A., Moustafa, M., and Pitsiava, M., (1995), "The Electronic road Tolling and Enforcement. Experiment of Thessaloniki: (Project ADEPT)"** IVHS Journal 1995, Vol. 2(4) p.p. 327-340
23. **Giannopoulos, G.A., (1996), "Implications of European Transport Telematics on Advanced Logistics and Distribution"**, Advanced Logistics, Vol. I, NO.1, 1996, pp. 50-78.
24. **Giannopoulos, G.A., (1996), "Mobile Data Communication and Electronic Data Interchange Technology in Road Freight Operations in Europe: An evaluation of some pilot applications"**, Transport Research Record, TRB, 1996.
25. **Giannopoulos, G.A., (1996), "Capacity of Shared Lanes: A Comparative analysis of Different Methods of Estimation"**, Transport Research Record TRR 1555, Transport Research Board TRB, December 1996 .
26. **Giannopoulos, G.A. (1996), "Mobile data communications and electronic data interchange technology in European road freight operations: Evaluation of pilot applications"**, Transportation Research Record No.1522, Freight Transportation Data and Planning Issues, Trucking and Marine Transportation, 1996.
27. **Giannopoulos, G.A., and Mustafa M.A.S., "Saturation Flow and Capacity of shared lanes" Comparative Evaluation of Estimation Methods"**, Transportation Research Record, No.1555, Highway Capacity Analysis for Interrupted and Uninterrupted Flow Facilities, 1996.

28. **Giannopoulos, G.A., and McDonald, M., (1997), “Developments in Transport Telematics applications in Japan: Traffic Management, Freight and Public Transport”,** Transport Reviews, Vol. 17, No.1, 1997, pp. 352-390
29. **Giannopoulos, G.A., Pyrgidis, Ch., and Lambropoulos, A., (1998), “Railway Corridor X: Perspectives for passenger and freight transport”,** Rail Engineering International, No.4 – 1998, pp. 11-16.
30. **Giannopoulos, G.A., (1999), “The prospects of Transport in South-East Europe: Some Technological and Policy issues”, (Guneydogu Avrupa’da Ulastirmada Umtlar: Bazi Teknoloji ve Politika Sorunlari”,** Transport Economics (Ulastirma Ekonomisi), No.395, p.p. 13-20, Turkey, November, 1999.
31. **Giannopoulos, G.A., and Pyrgidis, Ch., (2002), “The south-east section of Rail Corridor IX: current status and prospects for development”,** Rail Engineering International, No. 2, 2002, pp 12-16.
32. **Giannopoulos, G.A., (2002), “Integrating Freight Transport with ITS: Some European Issues and Priorities”,** Transportation Research Record – Journal of the Transportation Research Board, No.1790, Freight Transportation, Washington DC, 2002
33. **Giannopoulos, G.A., and Papageorgiou K., (2002), “Application of Re-engineering Techniques in redesign of port processes”,** Transportation Research Record – Journal of the Transportation Research Board, No.1782, Washington DC, 2002
34. **Giannopoulos, G.A. (2002), “The application of new Technologies in Transport”,** paper in the special edition of the IFOR Magazine, European Operations Research Society No. 4, 2002.
35. **Giannopoulos, G.A. (2002), “Inland freight transport scenarios for Europe in 2020”,** Ekistiks; the problems and science of human settlements, Vol. 69, No. 415/416/417 (Jul/Aug., Sep./Oct., Nov/Dec 2002), pp 259-274.
36. **Giannopoulos, G.A., (2002) “Issues of the European Transport Policy and current state of the EU Funded Transport Research”,** Yugoslav Journal of Operations Research, 12 (2002), No. 1, 109-120.
37. **Giannopoulos, G.A., and Aifandopolou-Klimis G., (2004), “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).
38. **Giannopoulos, G.A., (2004), “Common Surface Transport Policy for S.E. Europe”,** Transition Studies Review, Volume 11, No.3, 2004, Central Eastern European Universities Network.  
Also published in electronic form in the electronic version of Transition Studies Review by Springer (publishers) at: <http://www.springerlink.com/index/10.1007/s11300-004-0016->

39. **Giannopoulos, G.A., Durr, Eugene., (2004), "SITS: A system for uniform Intermodal Freight Transport Information Exchange", International Journal of Transport Management 1 (2003), p.175-186, accepted 8 January 2004.**
40. **Giannopoulos, G.A., (2005), "Implementation of a Data Communication System for the Adriatic – Ionian Sea Area", Transition Review Studies, No.39, Volume XII, Springer Vienna, New York, April 2005.**
41. **Giannopoulos, G.A., Tyrinopoulos Yannis, (2006), "Intermodal Freight Transport between Europe and Asia: a structured approach to policy making and problem solving", Transportation Research Record: Journal of the Transportation Research Board, No. 1966, pp. 16-26, November 2006.**
42. **Giannopoulos, G.A., Giannakos, K., (2007), "Restructuring the Greek Railways: Current progress and evaluation of alternative schemes", Transport Reviews, Vol. 27, No. 3, pp. 355-378, May 2007.**
43. **Giannopoulos G., (2008), "The application of co-modality in Greece: A critical appraisal of progress in the development of co-modal freight centres and logistics services", Transition Studies Review, Vol. 15, Issue 2, September 2008, pp. 289-301.**
44. **Giannopoulos G., (2009), "Towards a European ITS for freight transport and logistics: Results of current EU funded research and prospects for the future", European Transport Research Review, Vol. 1, Number 4, pp. 147-161.**

#### **B. Refereed Conferences**

1. **Giannopoulos, G.A., (1972) "A Dynamic Traffic Assignment Model for the Detailed Study of Road Network Performance" 4th Universities Transport Study Groups Conference, Dundee, UK, January, 1972**
2. **Giannopoulos, G.A., (1979), "Transport and Regional development, the case of countries with Lesser Advanced Economies", ECMT, 9th International Symposium, Istanbul 1979**
3. **Giannopoulos, G.A., (1981), "Energy Conservation in the Transport Sector: The European Experience", International Symposium on Surface Transportation System Performance, Washington, May 1981**
4. **Giannopoulos, G.A., (1983), "The influence of the organisation and management of Freight Transport on freight modal choice behaviour" paper presented in the WCTR Conference in Hamburg 1983.**
5. **Giannopoulos, G.A., (1984), "Financing Urban Public Transport: Some issues and prospects for the future", paper presented at the ICTS Seminar in Amalfi (Italy) on "The Economics of Transport in the 1980's" October 1984.**
6. **Giannopoulos, G.A., (1984), "Technological innovation in urban transport Systems", originally presented at the Symposium on Innovation and Urban Development sponsored by the VW-Foundation and the Economic Institute of the University of Munich, May 1984. Also published at the special issue of EKISTICS on Transportation and Movement, Vol.51, No.305 March/April 1984.**

7. **Giannopoulos, G.A., and Pitsiava, M., (1985), "Trip Generation Models for Different Land-Uses in Greece"**, paper presented at the International Modelling and Simulation Conference, Lugano (Switzerland) and included in the proceedings, June 1985.
8. **Giannopoulos, G.A., (1985), "Towards an Overall Approach to Transportation Safety. Some lessons from the Greek experience"**, paper presented at the 2nd International Symposium on Transportation Safety, Athens, June 1985
9. **Giannopoulos, G.A., (1986), "Intercity and Regional Passenger Transport: Policy Objectives Organisation and Financing a European Approach"**, Proceedings 4th World Conference on Transport Research, Vancouver, 1986
10. **Giannopoulos, G.A., (1987), "Transport Related factors influencing industrial location and development: The case of the Greek islands"**, paper presented at the European Regional Science Association's annual meeting in Athens, 1987.
11. **Giannopoulos, G.A., (1990), "Informatics applications to improve Road freight efficiency the European experience"**, paper presented at the 15th ARRB Conference, proceedings Darwin, Australia, August 1990.
12. **Giannopoulos, G.A., (1992), "Informatics Applications to Improve Road Freight Efficiency: The European Experience"**. Proceedings 15th ARRB Conference, Part 4, 185-202, 1992.
13. **Giannopoulos, G.A., (1994), "Freight Transportation Elements of the European IVHS programmes Drive and Prometheus"**. TRB Conference, Washington DC, 228-239, 1994.
14. **Giannopoulos, G.A., (1994), "Peripherality: perceptions, reality and the role of transport in addressing the issues - The Greek perspective"**, 1<sup>st</sup> Conference on Peripherality, University of Ulster, Belfast, May 1994.
15. **Giannopoulos, G.A., (1994), "Multilane Electronic Toll Collection Systems: An Advanced Transport Telematics (ATT) Programme Achievement"**, Advanced Technologies in Transportation and Traffic Management Conference, Singapore, May 1994.
16. **Giannopoulos, G.A., (1994), "Multilane Electronic Tolling System: Preliminary results of its six month's Evaluation"** VNIS Conference, Yokohama, Japan, September 1994
17. **Giannopoulos, G.A., (1995), "The Electronic Road Tolling and Enforcement: Experiment of Thessaloniki"** (Project ADEPT of DRIVE II), a paper accepted for publication in the IVHS Journal, 1995 .
18. **Giannopoulos, G.A., Boulougaris, G., (1995), "European Transport Telematics and Implications for the Development of Advanced Logistics"**, World Congress on Intelligent Transport Systems, Yokohama, 1995.
19. **Giannopoulos, G.A., (1997), "International Freight Transport Networks in Europe and Policies for their development"**, 8<sup>th</sup> IFAC Symposium on Transportation Systems Crete, June 1997.
20. **Giannopoulos, G.A., (1998), "Results from the Pilot Application of the Integrated Electronic Transport Payment System in Thessaloniki"**, International Conference on Transportation into the next Millennium, 9-11 September 1998.
21. **Giannopoulos, G.A., (1998), "Implementation of Multipurpose smart card for Transport"**

*Payment: The Integrated Payment System in ADEPT II project*”, International Congress on The Global Smart Card Revolution, Budapest, 7-9 October 1998.

22. Giannopoulos, G.A., (1998), “*Deployment of Interoperable Smart Card in Payment and Information Access: Experiences from ADEPT and DISTINCT Projects*”, 5<sup>th</sup> World Congress on Intelligent Transport Systems, Seoul, Korea, 12-16 October 1998.
23. Giannopoulos, G.A., (1999), “*The case for Freight Intermodal Transport in Europe: Conditions and Factors for success*”, 6<sup>th</sup> World Congress on Intelligent Transport Systems, Toronto, Canada, Executive Session 7, 8-12 November, 1999.
24. Giannopoulos, G.A., Mustafa M., Nikolaou, K., and Toskas J., (1999), “*Using Smart Cards for Integrated Telematics Services: The DISTINCT Approach in Thessaloniki*”, 6<sup>th</sup> World Congress on Intelligent Transport Systems, Toronto, Canada, Technical Session 1-8, November, 1999.
25. Giannopoulos, G.A., (2000), “*European Inland Freight Transport Scenarios for 2020 and some related policy implications*”, 8<sup>th</sup> ECMT Symposium on theory and practice in Transport Economics, Thessaloniki, Greece, March 2000.
26. Giannopoulos, G.A. (2000), “*Innovative approaches and telematics applications for ports and transport chain management*”, 7<sup>th</sup> World Congress on ITS, Torino, Italy, November 2000.
27. Giannopoulos, G.A., and Pyrgidis, Ch., (2001), “*The prospects for the development of rail axis IX and X: An exercise international co-operation*”, 8<sup>th</sup> Scientific Conference MOBILITA 2001, Bratislava, September 2001.
28. Giannopoulos, G.A., and Pyrgidis, Ch., (2001), “*Corridor IX Perspectives for freight and passenger transport*”, International Conference on Cost Effective Infrastructure and systems to improve cargo and passenger transport in S.E. Europe, Budapest, 17-19, October 2001.
29. Giannopoulos, G.A., and Theofanis, S., (2001), “*A port Community information and Data Communication Platform: Implementation of a system for the Adriatic – Ionian Sea area*”, 8<sup>th</sup> World Congress on ITS, Sydney Australia, October 2001.
30. Giannopoulos, G.A., Shinakis, M., and Koukouloudi E., (2001), “*Development and operation of an Integrated Container Terminal Management System in the Port of Thessaloniki, Greece*”, 8<sup>th</sup> World Congress on ITS, Sydney Australia, October 2001.
31. Giannopoulos, G.A., (2001), “*The port of Volos: A proposal for the development of its central queue*”, Proceedings, 2<sup>nd</sup> Pan-Hellenic Conference on Port Infrastructure, NTUA, Athens, November 2000.
32. Giannopoulos, G.A., and Mikoulik J., (2002), “*Integrating Research from Accession Countries: The case of Transport Research*”, Proceedings, Session F3 of the EU’s Conference on “Surface Transport Technologies for Sustainable Development” Valencia, Spain 4-6 June 2002.

33. **Giannopoulos, G.A., and Aifandopoulou-Klimis G., (2004), “*Mobile Internet Applications for Freight Transport Operation: The “Gifts” Platform*”, 10<sup>th</sup> World Conference on Transport Research (WCTR), Istanbul 2004.**
34. **Giannopoulos, G.A., (2004), “*Re-Balancing Surface Transport in S.E. Europe: Opportunities and Prospects*”, 10<sup>th</sup> World Conference on Transport Research (WCTR), Istanbul 2004.**
35. **Giannopoulos, G.A., and Aifandopoulou-Klimis G., (2004), “*Monitoring and Forecasting the Impacts in the New Maritime Transport System in the Aegean Sea-Greece, Under the New Liberalised Regime*”, 10<sup>th</sup> World Conference on Transport Research (WCTR), Istanbul 2004**
36. **Giannopoulos, G.A., (2004), “*Integrating Research in Eastern Europe: The case of Transport Research*”, Mobilita '04 Conference, Technical University of Slovakia, Bratislava, 2004.**
37. **Giannopoulos, G.A., Morfoulaki, M., and Papaioannou, P., (2004), «*Public Transport Customer Satisfaction in Thessaloniki*”, 9th International Scientific Conference MOBILITA '04, Bratislava, May 6-7, 2004.**
38. **Giannopoulos, G.A, Morfoulaki, M., and Papaioannou, P., (2004), “*Quality and Benchmarking of Public Transport Systems: Customer Satisfaction Survey in Thessaloniki*”, 10<sup>th</sup> World Conference on Transportation Research, Istanbul, July 2004.**
39. **Giannopoulos, G.A, (2004), “*Opportunities and prospects*”, 10<sup>th</sup> World Conference on Transportation Research, Istanbul, Turkey, July 2004.**
40. **Giannopoulos G.A., and Aifandopoulou-Klimis G., (2004), “*Monitoring and forecasting the impacts in the new maritime transport system in the Aegean Sea under the new liberalized regime*”, 10<sup>th</sup> World Conference on Transportation Research, Istanbul, Turkey, July 2004.**
41. **Giannopoulos, G.A., Papaioannou P., and Morfoulaki M., (2004), “*Quality and benchmarking of public transport systems: Customer satisfaction survey in Thessaloniki*” 10<sup>th</sup> World Conference on Transportation Research, Istanbul, Turkey, July 2004.**
42. **Giannopoulos, G.A., Tyrinopoulos, Y., and Shinakis M., (2004), “*Key elements towards freight transport and traffic integration – the contribution of the multimodal freight functional framework*” 10<sup>th</sup> World Conference on Transportation Research, Istanbul, Turkey, July 2004.**
43. **Giannopoulos, G.A., Koukouloudi, E., and Georgiadis, K., 2004, “*Integrated multimodal freight solution – from research to practice*”, 10<sup>th</sup> World Conference on Transportation Research, Istanbul, Turkey, July 2004.**
44. **Giannopoulos, G.A., (2005), “*Transport policy and research issues in Greece and the EU: Current facts, prospects and priorities*”, TRANSTEC Conference Athens, September 1-5, 2005.**
45. **Giannopoulos, G.A., (2006), “*Road Transport Contributing to a sustainable society: Vision of the future*”, keynote speech, *Transport Research Arena – TRA* Conference, 12-15 June, 2006, Gothenburg, Sweden.**

46. **Giannopoulos, G. A. (2007), "Developing Road Safety in lesser developed countries",** Keynote speech *Road Safety on Four Continents Conference*, Bangkok, Thailand, 14-16 November, 2007.
45. **Giannopoulos, G.A., Aifadopoulou, G., Torok, A. (2008), "Port Choice Model for the Transshipment of Containers in Eastern Mediterranean",** Transportation Research Board 87th Annual Meeting, Paper #08-1517, Washington DC, January 13-17 2008.
46. **Giannopoulos, G.A., Moschovou, T.P. (2010), "Investigating the Process of Inland Freight Transport Modal Choice in Greece, Part I: Parameters and attributes influencing freight mode choice",** Transportation Research Board 89<sup>th</sup> Annual Meeting, Washington DC, January 10-14 2010.
47. **Pavlis, Y., Giannopoulos, G.A. (2010), "Realizing the TransEuropean~ European Road Network: Challenges, Approaches, and Intelligent Transportation Systems Applications for Providing Seamless Information to the European Traveler and Hauler",** Transportation Research Board 89<sup>th</sup> Annual Meeting, Washington DC, January 10-14 2010.
48. **Tyrinopoulos, Y., Giannopoulos G., (2010), "Stimulating (sustainable) intermodal freight transport synergies between Latin America and Europe",** PANAM 2010, Lisbon, Spain, July 15-18.
49. **Giannopoulos, G., Zacharaki, E., (2010), "Analysis of the spatial and personal characteristics that influence commuting travel behaviour",** 12<sup>th</sup> WCTR 2010, Lisbon, Spain, July 11-15.

### C. Other Conferences

1. **Giannopoulos, G.A., (1978), "The field of transportation and construction of transport infrastructure in the EEC",** of paper presented at the special Conference on the EEC, of the Technical Chamber of Greece, 1978, proceedings (in Greek).
2. **Giannopoulos, G.A., (1982), "International Transport Demand and Infrastructure Characteristics for Greece",** proceedings Inter European Regional Conference of the IRF, Sofia, May 1982
3. **Giannopoulos, G.A., (1983), "Employment in Transport: Greece",** A National case-study for Greece presented at the 2nd INTRA Seminar, Paris March 1983
4. **Giannopoulos, G.A., (1985), "The Changing Role of Transportation Planning"** paper presented at the European Society of Transport Institutes' (ESTI) Seminar on Transport Decisions in a Changing Society, Brussels, June 1985
5. **Giannopoulos, G.A., (1985), "Management of Transport Operations: Relations with Public Authorities",** paper presented at the 44th INTRA Seminar, Paris, September 1985
6. **Giannopoulos, G.A., (1985), "Travel Time and Delay Factors in the Greek Railways: An analysis of the existing situation and proposals - for short term improvements",** Rail C International, Railway Congress Association) October 1985
7. **Giannopoulos, G.A., (1986), "European Dimension and Future Prospect of the Railways",** Conference Report, Ekistics Nov, 1986.

8. **Giannopoulos, G.A., (1986), "Quantitative and Qualitative Characteristics of Road Freight in Greece"**, Proceedings 7th Seminar on Road Freight, Laboratory of Transport Engineering, Univ. of Thessaloniki July 1986.
9. **Giannopoulos, G.A., (1986), "Air Transport and Olympic Airways, within the National Transport Policy for Greece"**, Proceedings Conference on the future of air transport in Greece, Technical Chamber of Greece, April 1986.
10. **Giannopoulos, G.A., (1986), "An evaluation of the port of Volos for the flow of freight from Europe to the M.East with special emphasis to the transport infrastructure of the countries of the M.East"**, paper presented at the Conference on the prospects of the port of Volos by the Technical Chamber of Magnesia, Greece, June 1986.
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**Many articles and interviews of Prof. Giannopoulos have been published in Greek newspapers and magazines. It is estimated that more than 300 such articles and interviews have been published by Prof Giannopoulos in the last 5 years.**