Curriculum Vitae
Konstantinos N. Androutsopoulos

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Date of Birth: 01/05/1973

1. ACADEMIC EDUCATION

Ph.D. in Management Science (2003) Department of Management Science and Technology, Athens University of Economics and Business.

M.Sc. in Statistics and Operational Research (1996): University of Essex, UK, Department of Mathematics.

B.Sc. in Mathematics (1995), National and Kapodestrian University of Athens, Department of Mathematics.

2. PROFESSIONAL ACTIVITIES

2.1 ACADEMIC POSITIONS

Assistant Professor, Athens University of Economics and Business, School of Business, Department of Management Science and Technology	**2016-**
Lecturer, Athens University of Economics and Business, School of Business, Department of Management Science and Technology	**2012-2016**
Lecturer (PD 407/1980), Athens University of Economics and Business, Department of Management Science and Technology	**2003-2009**
Research Associate, Transportation Systems and Logistics Laboratory, Athens University of Economics and Business	**1996-2010**

2.2 UNDERGRADUATE COURSES

"Analysis and Planning of Transportation and Distribution Systems", Department of Management Science and Technology, Athens University of Economics and Business.

"Supply Cain Management", Department of Management Science and Technology, Athens University of Economics and Business

"Project Management", Department of Management Science and Technology, Athens University of Economics and Business

2.2 COURSES IN ERASMUS PROGRAMME

(2011-2014) "Green Supply Cain Management", Department of Management Science and Technology, Athens University of Economics and Business (Reading Course)
(2013-2014) "Analysis and Planning of Transportation and Distribution Systems", Department of Management Science and Technology (Reading course)

2.2 POSTGRADUATE COURSES

(2014-2017) "Global Supply Cain Management", International MBA, Athens University of Economics and Business

(2015-2017) "Logistics", M.Sc. in Management Science and Technology, Athens University of Economics and Business

(2015-2017) "Transportation and Distribution Systems Planning", M.Sc. in Management Science and Technology, Athens University of Economics and Business

(2015-2016) "Logistics Management and Liner Shipping", M.Sc. in International Shipping, Finance and Management, Athens University of Economics and Business

(2016-2017) "Logistics Management", M.Sc. in International Shipping, Finance and Management, Athens University of Economics and Business

3. RESEARCH ACTIVITIES

3.1 RESEARCH INTERESTS

- Vehicle Routing and Scheduling
- Scheduling in Air Transport Systems
- Routing and Scheduling in Multimodal Dynamic Transportation Networks
- Planning and Evaluation of Flexible Transport Systems

- Analysis and Planning of Transportation and Distribution Systems
- Multicriteria Decision Making and Evaluation
- Emergency Response Logistics

3.2 REFEREED JOURNAL ARTICLES

Androutsopoulos, K.N. and K.G. Zografos (2017). An Integrated Modelling Approach for the Bicriterion Vehicle Routing and Scheduling Problem with Environmental Considerations, *Transportation Research Part C*, Volume 82, pp. 180-209

Zografos, K.G., Madas, M.A., Androutsopoulos, K.N. (2017). Increasing airport capacity utilisation through optimum slot scheduling: review of current developments and identification of future needs, Journal of Scheduling, 20(1), pp. 3-24.

Androutsopoulos, K.N. and K.G. Zografos (2012). A Bi-objective Time-Dependent Vehicle Routing and Scheduling Problem for Hazardous Materials Distribution, EURO Journal on Transportation and Logistics, Vol. 1, No. 1/2, pp. 157-183.

Zografos, K.G., Androutsopoulos K.N. (2011). Assessing the Economic and Institutional Impacts Resulting from the Introduction of a Self Separation Operational Concept in Air Traffic Management. Transportation Research Record: Journal of the transportation Research Board , 2214, pp. 94-102. (*5 year IF: 0.796*)

Androutsopoulos, K.N., Zografos, K.G. (2010). Solving the Bi-criterion Routing and Scheduling Problem for Hazardous Materials Distribution. Transportation Research Part C, 18 (5), pp. 713-726. (*5-year IF: 3.118, Journal in Top 20%, ranked 3/32 in subject area "Transportation Science and Technology" according to the 5-year impact factor*)

Androutsopoulos K.N., Zografos, K.G. (2009). Solving the multi-criteria time dependent routing and scheduling problem in a multimodal fixed scheduled network. *European Journal of Operational Research,* Vol. 192(1), pp. 18-28. (*ABS Journal Rank: 3*)

Zografos, K.G., Androutsopoulos, K.N. (2009). Design and Assessment of an On-Line Passenger Information System for Integrated Multimodal Trip Planning. *IEEE Transactions on Intelligent Transportation Systems* 10 (2), pp. 311-323. (*5-year IF: 2.935, Journal in Top 20%, ranked 5/32 in subject area "Transportation Science and Technology" according to the 5-year impact factor*)

Zografos, K.G., Androutsopoulos, K.N., Sihvola, T. (2009). A Methodological Approach for Developing and Assessing Business Models for Flexible Transport Systems. *Transportation,* 35 (6), pp. 777-795. (*ABS Journal Rank: 2*)

Zografos, K.G., Androutsopoulos, K.N. (2008). A Decision Support System for Integrated Hazardous Materials Routing and Emergency Response Decisions. *Transportation Research Part C*, Vol. 16(6), pp. 684-703. (*5-year IF: 3.118, Journal in Top 20%, ranked 3/32 in subject area "Transportation Science and Technology" according to the 5-year impact factor*)

Zografos, K.G., Spitadakis, V., Androutsopoulos, K.N. (2008). An Integrated Passenger Information System for Multimodal Trip Planning. *Transportation Research Record : Journal of the Transportation Research Board* (2072), pp. 20-29. (*5 year IF: 0.796*)

Zografos, K.G., Androutsopoulos, K.N. (2008). Algorithms for Itinerary Planning in Multimodal Transportation Networks. *IEEE Transactions on Intelligent Transportation Systems*, Vol. 9 (1), pp. 175-184. (*5-year IF: 2.935, Journal in Top 20%, ranked 5/32 in subject area "Transportation Science and Technology" according to the 5-year impact factor*)

Androutsopoulos K.N., Zografos, K.G. (2008). Solving the k-shortest path problem with time windows in a time varying network. *Operations Research Letters,* Vol. 36, pp. 692-695. (*ABS Journal Rank: 2*)

Zografos, K.G., Androutsopoulos, K.N. (2004). A Heuristic Algorithm for Solving Hazardous Materials Distribution Problems. *European Journal of Operational Research*, Volume 152 (2), Pages 507-519. (*ABS Journal Rank: 3*)

Zografos, K.G., Androutsopoulos, K.N., Vasilakis, G. (2002). A Real-Time Decision Support System for Roadway Network Incident Response Logistics. *Transportation Research Part C*, vol. 10, pp. 1-18. (*5-year IF: 2.935, Journal in Top 20%, ranked 5/32 in subject area "Transportation Science and Technology" according to the 5-year impact factor*)

Zografos, K.G., Androutsopoulos, K.N. (2002). Heuristic Algorithms for Solving Hazardous Materials Logistical Problems. *Transportation Research Record: Journal of the Transportation Research Board*, No.1783, pp.158-166. (*5 year IF: 0.796*)

Kiranoudis, C.T., Kourniotis, S.P., Christolis, M., Markatos, N.C., Zografos, K.G., Giannouli, I.M., Androutsopoulos, K.N., Ziomas, I. Kosmidis, E., Simeonidis, P., Poupkou, N. (2002). An operational centre for managing major chemical industrial accidents. *Journal of Hazardous Materials*, Vol. 89, Issues 2-3, pp. 141-161. (*5 year IF: 5.123*)

3.3 PEER-REVIEWED ARTICLES IN PROCEEDINGS (WITH PAPER REVIEW)

Androutsopoulos, K.N. and K.G. Zografos, "Modeling and Solving International Journey Planning Problems", Transport Research Arena (TRA) 2014 Conference, 14-17 April 2014, Paris, France (accepted for presentation and publication in the conference proceedings).

Zografos, K.G., K.N. Androutsopoulos and E.A. Apospori (2012). User Acceptance and Willingness to Pay for the Use of Multimodal Trip Planning Systems. Accepted for presentation and publication in the Proceedings of the Transport Research Arena (TRA) 2012 Conference, 23-26 April 2012, Athens, Greece.

Androutsopoulos, K.N, Zografos K.G. (2011). Routing and Scheduling For Less-Than-Truckload Hazardous Materials Distribution. Proceedings of the 7th International Conference on City Logistics, Mallorca Island, Spain.

Zografos K.G., Androutsopoulos, K.N, Nelson J.D. (2010). Identifying Travelers' Information Needs and Services for an Integrated International Real Time Journey Planning System. Proceedings of the 13th International IEEE Conference on Intelligent Transportation Systems, Madeira Island, Portugal.

Androutsopoulos K.N., Zografos, K.G. (2008). Bi-criterion Routing and Scheduling in Time-Varying Networks for Hazardous Materials Distribution. Proceedings of the 10th International Conference on the Application of Advanced Technologies in Transportation, Athens.

Zografos K.G., Spitadakis, V., Androutsopoulos, K.N. (2008). Assessing an on-line passenger information system for multimodal trip planning. Proceedings of the 10th International Conference on the Application of Advanced Technologies in Transportation, Athens.

Zografos, K.G., Spitadakis, V., Androutsopoulos, K.N. (2008). An Integrated Passenger Information System for Multimodal Trip Planning, Proceedings of the 87th Transportation Research Board Annual Meeting, Washington D.C., U.S.A (CD-ROM).

Androutsopoulos, K.N., Zografos, K.G. (2007). Solving the multi-criteria time dependent routing and scheduling problem with time windows in multimodal transportation networks. Proceedings of the 86th Annual Meeting of the Transportation Research Board, Washington D.C., U.S. (CD-ROM)

Zografos, K.G., Androutsopoulos, K.N. (2006). Algorithms for Determining Optimum Itineraries in a Multimodal Urban Transportation Network. Proceedings of the 85tht Annual Meeting of the Transportation Research Board, Washington D.C., USA.

Zografos, K.G., Androutsopoulos, K.N. (2006). An Integrated Methodological Framework for Developing and Assessing Business Models for Flexible Transport Systems. Proceedings of the 85th Annual Meeting of the Transportation Research Board, Washington D.C., USA.

Androutsopoulos, K., Zografos, K. (2006). An Integrated Decision Support System for Hazardous Materials Logistical Problems. Proceedings of the 3rd International Congress

on Transportation Research in Greece, Thessaloniki.

Zografos, K.G., Androutsopoulos, K.N (2005). A Decision Support System for Hazardous Materials Transportation and Emergency Response Management. Proceedings of the 84th Annual Meeting of the Transportation Research Board, Washington D.C., USA.

Zografos, K.G., Androutsopoulos, K.N. (2002). Heuristic Algorithms for Solving Hazardous Materials Logistical Problems. Proceedings of the 81st Annual Meeting of the Transportation Research Board, Washington D.C., USA.

Zografos, K.G., Androutsopoulos, K.N. (2002). Development and Implementation of a Decision Support System for Identifying Evacuation Routes in case of Hazardous Materials Accidents. Proceedings of the 1st International Congress on Transportation Research in Greece, Athens 21-22 February

Zografos K.G., Androutsopoulos, K.N. (2001). Assessing the Impacts from the Introduction of Advanced Transport Telematics Technologies in Hazardous Materials Fleet Management. Proceedings of the 80th Annual meeting of the Transportation Research Board, Washington D.C., USA.

Zografos, K.G., Androutsopoulos, K.N., Vasilakis, G.M. (1999). A Methodological Framework for Assessing the Degree of Integration of Urban Public Transport Systems. Proceedings of the 78th Annual Meeting of the Transportation Research Board, Washington D.C., USA.

3.4 CONFERENCE PAPERS (ABSTRACT REVIEW)

Androutsopoulos K.N., Kamaras N.K , (2017). Modelling And Solving A Real-Life Fuel Distribution Problem. 6th International Symposium and 28th National Conference on Operational Research, June 08-10, Thessaloniki, Greece.

Androutsopoulos K.N., K.G Zografos, E. Boulazeris (2014). A Fleet Management System for Freight Distribution with Environmental and Safety Considerations. 3rd International Symposium and 25th National Conference on Operational Research, June 26-28, Volos, Greece.

Zografos K.G., K.N. Androutsopoulos (2014). Developing an International Door-To-Door Journey Planning System with Real Time Itinerary Re-Planning Capabilities Supporting Travellers with Special Mobility Needs. 3rd International Symposium and 25th National Conference on Operational Research, June 26-28, Volos, Greece.

Androutsopoulos K.N., K.G Zografos (2013). Modeling and Solving Time- and Load-Dependent Vehicle Routing and Scheduling Problem with Environmental Considerations. 92nd Transportation Research Board Annual Meeting, Washington D.C., U.S.A., 13-17 January 2013.

Androutsopoulos K.N., K.G Zografos (2013). Models and Algorithms for Solving the Multi-criteria Itinerary Planning Problem on International Multimodal Transportation Networks. 1st European Symposium on Quantitative Methods in Transportation Systems, September 4-7 2012, Lausanne, Switzerland.

Zografos, K.G., Androutsopoulos, K.N. (2010). Development and Application of an Analytic Hierarchy Process Model for Assessing Airport Advanced Surface Movement Guidance and Control Systems. 24th Conference on Operational Research, Lisbon, Portugal.

Androutsopoulos, K.N., Zografos, K.G. (2010). Solving the Bi-objective Vehicle Routing and Scheduling Problem for Hazardous Materials Distribution. 24th Conference on Operational Research, Lisbon, Portugal.

Zografos, K.G., Androutsopoulos, K.N. (2006). Development and Implementation of an Integrated Tunnel Safety Management System. Proceedings of the 2nd International Symposium "Safe and Reliable Tunnels", 30-31/05/06, Lausanne, Switzerland.

Zografos K.G., Androutsopoulos, K.N. (2001). A Heuristic Algorithm for Solving Large-scale Bi-objective Vehicle Routing Problems with Time Windows. Proceedings of the Third Aegean International Conference on "Design and Analysis of Manufacturing Systems", May 19-22 Tinos island, Greece, pp. 87-92

Zografos, K.G., Androutsopoulos, K.N. (2000). A Decision Support System for the Distribution of Hazardous Materials: The Case Study of Petroleum and LPG Products. Eurolog Conference, Astir Palace, Vouliagmeni, Greece.

3.5 MONOGRAPHS

Ph.D. Thesis: "Mathematical Models and Algorithms for Logistics Operations: The Case of Hazardous Materials", Department of Management Science, Athens University of Economics and Business

M.Sc. Dissertation: "A Hyperbolic Diffusion Model for Stock Prices", Department of Mathematics, University of Essex.

3.6 CHAPTERS IN BOOKS

Zografos, K.G., Androutsopoulos, K.N. (2010). Decision Support For Trip Planning. In: "Infomobility and Sustainable Management of Transport Systems" Italian National Energy Authority's series on Sustainable Transport, edited by G. Ambrosino, and J.D. Nelson.

3.7 INDICATIVE FUNDED RESEARCH PROJECTS

Principal Investigator

(2011-2014) "Enhanced Wide Scale Network of E-systems for Multimodal Journey Planning and Delivery of Trip Intelligent Personalised Data" (Enhanced WISETRIP), European Commission, Directorate General for Research and Innovation (DG RESEARCH).

(2013-2014) "Connect & Construct: Building value through IT (C&C)", funded by Cap Gemini Nederland B.V.

(2013-2015) "Next Generation Fleet Management System", Program SYNERGASIA 2011, General Secreatriat for Research and Technology.

Research associate

(2011-2013) "Assessing the Educational Gaps in Aeronautics and Air Transport" (EDUCAIR), European Commission, Directorate General for Research and Innovation (DG RESEARCH).

(2008-2011) "Benchmarking Logistics and Co-modality (BE LOGIC)", European Commission, Directorate General Energy and Transport (DG TREN).

(2008-2010) "Wide Scale network of E-systems for multimodal journey planning and delivery of trip intelligent personalized data (WISETRIP)", funded by the European Commission (DG INFSO).

(2004-2005) "Coordination of Concepts for New Collective Transport (CONNECT)", funded by the European Commission (DG TREN).

(2003-2006) " Advanced Real Time Services in the Transport Sector" (ARTTS), funded by the Greek Ministry of Development- General Secretariat of Research and Technology.

(2003-2006) "An Integrated Decision Support System for providing Real Time Transit Information in a Multimodal Transportation System" (ENOSIS), by the Greek Ministry of Development- General Secretariat of Research and Technology.

(2003-2006) "A Software Platform for Supporting eB2B Services" (HERMES), funded by the Greek Ministry of Development- General Secretariat of Research and Technology.

(2002-2006) "Safety in Tunnels Thematic Network on development of European guidelines for upgrading tunnel safety (SAFE-T)", funded by the European Commission (DG TREN).

(2001-2003) "Safety Improvement in Road & rail Tunnels using Advanced ICT and Knowledge Intensive DSS (SIRTAKI)", χρηματοδοτήθηκε από την Ευρωπαϊκή Ένωση, Γενική Διεύθυνση INFSO.

(1998-2001) " Development of an Integrated Decision Support System for the Management of Hazardous Materials" (HAZMAT) funded by the Greek Ministry of Development - General Secretariat for Research and Technology.

(1997-1999) "Development of a System for Managing Large Scale Industrial Accidents", funded by the Greek Ministry of Environment Public Works and Physical Planning.

(1996-1999) "Incident Response with on line innovative sensing (IN-RESPONSE)", funded by the European Commission (DG XIII).

4. ACADEMIC EXPERIENCE

4.1 REVIEWER

He is a reviewer for the following Journals:

1. European Journal of Operational Research
2. Simulation Modelling Practice and Theory
3. Transportation Research Part C: Emerging Technologies
4. Optimization
5. IEEE Systems Journal
6. Operational Research: An International Journal
7. Pervasive and Mobile Computing

4.2 SCIENTIFIC CITATIONS

The source used for tracing the citations of the author was:

Scopus: 466 citations (h-index: 9) (27/06/2017)