



Europass Curriculum Vitae

Personal information



First name(s) / Surname(s) **Dimitrios Vlachos**

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Nationality Greek

Date of birth 01/03/1966

Gender Male

Desired employment / Occupational field **Higher education teaching professional**

Work experience

Dates	04/1992 - 03/2002
Occupation or position held	Research Associate
Main activities and responsibilities	Participation in Research Project, Teaching Assistant
Name and address of employer	Aristotle University of Thessaloniki P.O. Box 461, 54124 Thessaloniki (Greece)
Type of business or sector	Education
Dates	07/2000 - 09/2000
Occupation or position held	PostDoc Researcher
Main activities and responsibilities	Research on Reverse Supply Chains (Reverse Logistics)
Name and address of employer	Erasmus University Rotterdam Burgemeester Oudlaan 50, 3000 DR Rotterdam (The Netherlands)
Dates	03/2002 - 11/2006
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching and Research
Name and address of employer	Aristotle University of Thessaloniki P.O. Box 461, 54124 Thessaloniki (Greece)
Type of business or sector	Education
Dates	12/2006 - 05/2009
Occupation or position held	Assistant Professor
Main activities and responsibilities	Education and Research
Name and address of employer	Aristotle University of Thessaloniki P.O. Box 461, 54124 Thessaloniki (Greece)
Type of business or sector	Education

Education and training

Dates	09/1983 - 07/1988
Title of qualification awarded	Diploma (five years) in Electrical Engineering
Name and type of organisation providing education and training	Aristotle University Thessaloniki (Greece)
Level in national or international classification	ISCED 5
Dates	02/1989 - 07/2002
Title of qualification awarded	Diploma of Mechanical Engineering
Name and type of organisation providing education and training	Aristotle University Thessaloniki (Greece)
Level in national or international classification	ISCED 5
Dates	01/1996 - 10/1999
Title of qualification awarded	PhD in Mechanical Engineering
Principal subjects / occupational skills covered	Methodological Framework for Business Valuation
Name and type of organisation providing education and training	Aristotle University Thessaloniki (Greece)
Level in national or international classification	ISCED 6

Personal skills and competences

Mother tongue(s) **Greek**

Other language(s)

Self-assessment
European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences

Member of the following societies:

- Hellenic Technical Chamber (TEE).
- Institute for Operational Research and Management Science (INFORMS).
- Hellenic Operational Research Society (EEEE).
- Society of Logistics Engineers (SOLE), District Greece.
- Council of Supply Chain Management Professionals (CSCMP).

Organisational skills and competences

Research Responsible in two(2) projects.
Project manager in five(5) projects.

Technical skills and competences

Project management, Reliability and Maintenance, Production Operations Management and Simulation.

Computer skills and competences

MS Office, Several Programming Languages, Statistical Software (SPSS), Operational Research Software (CPLEX, Arena)

Additional information

Teaching Experience

a) Undergraduate Level

Project Management (10 semesters)

Reliability and Maintenance (9 semesters)

Simulation (7 semesters)

Production Operations Management (5 semesters)

Inventory Control (1 semester)

Forecasts (1 semester)

b) Postgraduate level

Optimization and Simulation (2 semesters)

Statistics and Stochastic Processes (2 semesters)

Project Management (2 semesters)

Production Planning and Control (1 semester)

MBA Project Management (6 semesters)

Annexes

Publications

A: Journals and Book Chapters

1. Tagaras G., Vlachos D., A Periodic Review Inventory System with Emergency Replenishments, *Management Science*, 47 (3), 415-429, 2001.
2. Teunter R., Vlachos D., An Inventory System with Periodic Regular Review and Flexible Emergency Review, *IIE Transactions*, 33 (8), 625-635, 2001.
3. Vlachos D., Tagaras G., An Inventory System with Two Supply Modes and Capacity Constraints, *International Journal of Production Economics*, 72 (1), 41-58, 2001.
4. Teunter R., Vlachos D., On the Necessity of a Disposal Option for Returned Items that can be Remanufactured, *International Journal of Production Economics*, 75 (3), 257-266, 2002.
5. Tagaras G., Vlachos D., Effectiveness of Stock Transshipment under Various Demand Distributions and Non-negligible Transshipment Times, *Production Operations Management*, 11(2), 183-198, 2002.
6. Georgiadis P., Vlachos D., Politou A., Reengineering of a Small Assembly-to-order Manufacturer: A Case Study, *International Journal of Operations and Quantitative Management*, 8 (1), 21-35, 2002.
7. Vlachos D., Dekker R., Return Handling Options and Order Quantities for Single Period Products, *European Journal of Operational Research*, 151(1), 38-52, 2003.
8. Vlachos D., Toliyas Y., Neuro-Fuzzy Modeling in Bankruptcy Prediction, *Yugoslav Journal of Operations Research*, 13 (2), 165-174, 2003.
9. Georgiadis P., Vlachos D., Analysis of the Dynamic Impact of Environmental Policies on Reverse Logistics, *Operational Research: an International Journal*, 3(2), 123-135, 2003.
10. Georgiadis P., Vlachos D., The Effect of Environmental Parameters on Product Recovery, *European Journal of Operational Research*, 157, 449-464, 2004.
11. Teunter R., van der Laan E., Vlachos D., Inventory Strategies for Systems with Fast Remanufacturing, *Journal of the Operational Research Society*, 55, 475-484, 2004.
12. Van der Laan E., Kiesmüller G., Kuik R., Vlachos D., Dekker R., Stochastic Inventory Control for Product Recovery, in *Reverse Logistics*, by R. Dekker, M. Fleischmann, K. Interfurth and L. Van Wassenhove (eds.), Springer-Verlag, 181-220, 2004.
13. Georgiadis P., Vlachos D., Tagaras, G., Long-term Analysis of Closed-loop Supply Chains, in *Reverse Logistics*, by R. Dekker, M. Fleischmann, K. Interfurth and L. Van Wassenhove (eds.), Springer-Verlag, 313-331, 2004.
14. Georgiadis P., Vlachos D., Decision Making in Reverse Logistics Using System Dynamics, *Yugoslav Journal of Operations Research*, 14(2), 259-272, 2004.
15. Georgiadis P., Vlachos D., Iakovou E., A System Dynamics Modeling Framework for the Strategic

- Supply Chain Management of Food Chains, *Journal of Food Engineering*, 70(3), 351-364, 2005.
16. Georgiadis P., Besiou M., Vlachos D., Iakovou E., A Comprehensive Methodological Framework for Sustainable Supply Chains, *IASME Transactions*, 2(4), 569-574, 2005.
 17. Georgiadis P., Iakovou E., Vlachos D., Besiou M., A System Dynamics Approach of Ecological Motivation in Sustainable Supply Chains, *WSEAS Transactions on Systems*, 1(5), 48-55, 2006.
 18. Georgiadis P., Vlachos D., Tagaras G., The Impact of Product Lifecycle on Capacity Planning of Closed-Loop Supply Chains, *Production Operations Management*, 15(4), 514-527, 2006.
 19. Chatzipanagioti M., Theodori V., Vlachos D. VMI modeling in global and electronic markets, *International Journal of Logistics Systems and Management*, 3(3), 271-287, 2007.
 20. Vlachos D., Georgiadis P., Iakovou, E., A System Dynamics model for Dynamic Capacity Planning of Remanufacturing in Closed-loop Supply Chains, *Computers & Operations Research*, 34(2), 367-394, 2007.
 21. Iakovou E., Vlachos D., Xanthopoulos A., An analytical framework for the optimal design of resilient supply chains, *International Journal of Logistics Economics and Globalisation*, 1(1), 1-20, 2007.
 22. Iakovou E., Georgiadis P., Vlachos D., A Continuous Simulation-based Methodological Framework for Port Container Logistics, *International Journal of Logistics Economics and Globalisation*, 1(2), 176-189, 2008.
 23. Aidonis, D., Xanthopoulos, A., Vlachos, D., Iakovou, E., An Analytical Methodological Framework for Managing Reverse Supply Chains in the Construction Industry, *WSEAS Transactions on Environment and Development*, 4 (11), 1036-1046, 2008.
 24. Tsitsamis D., Vlachos D., Iakovou E., Douligeris C., A Hierarchical Taxonomy of Decision-Making Models for Container Terminal Operations, *International Journal of Logistics Economics and Globalisation*, 1(4), 2008.
 25. Iakovou E., Vlachos D., Aidonis, D., A Strategic Methodological Framework for the Development of Gastronomic Tourism: A Greek Region's Experience, *International Journal of Innovation and Regional Development*, 1(3), 301-318, 2009.
 26. Papapanagiotou K., Angelis E., Vlachos D., Decision making in Supply Chains using Simulation: A Methodological Approach, *MIBES Transactions International Journal*, 3(1), 85-95, 2009

B: Conference Proceedings

1. Vlachos D., Tagaras G., Pooling in Multi-location Periodic (R, nQ) Distribution Systems, *European Management in face of Knowledge Driven Competition*, TMR program, Porto, 18-21 September 1996
2. Vlachos D., Tagaras G., Emergency Ordering in Periodic Review Inventory Systems, *Conference in Inventory Modeling in Production and Supply Chain*, International Society for Inventory Research (ISIR), Ioannina, 271-287, 25-29 August 1997.
3. Georgiadis P., Vlachos D., Demand and Capacity Balancing in Front Office Operations: A Case Study in an Organization of Public Utility, *4th Balkan Conference on Operational Research*, Thessaloniki, 931-945, 20-23 October 1997.
4. Reilly B., Vlachos D., Tagaras G., A Web-based Innovative Approach for Teaching Reverse Logistics, *17th International Logistics Congress*, Thessaloniki, 401-409, 18-20 October 2001.
5. Georgiadis P., Vlachos D., Karatsis I., Reverse Logistics Modeling: A New Approach, Using System Dynamics, *6th Balkan Conference on Operational Research*, Thessaloniki, 22-25 May, 2002
6. Georgiadis P., Vlachos D., Politou A., Production Planning in Make-to-Order Environment: A Hybrid Model Approach, *6th Balkan Conference on Operational Research*, Thessaloniki, 22-25 May, 2002.
7. Vlachos D., Tolia Y., Neuro-Fuzzy Modeling in Bankruptcy Prediction, *6th Balkan Conference on Operational Research*, Thessaloniki, 22-25 May, 2002.
8. Psinos A., Vlachos D., Iakovou E., Vendor Managed Inventory via the Web: When E-business Meets Supply Chain Management, *6th SMESME International Conference*, Athens, 539-554, 1-3 June 2003.
9. Kinias I., Vlachos D., Project Management Software Systems: The Case of Greek Construction Industry, *3rd Scientific Conference on Project Management - Clustering in Construction Project Management*, 377-388, Thessaloniki, 24-25 September 2004.
10. Chatzipanagioti M., Theodori V., Vlachos D., Information Sharing Among Supply Chain Partners: Centralized vs. Decentralized Inventory Management, *3rd International Conference on Supply Chain*

- Management and Information Systems - SCMIS2005, Thessaloniki, 21-30, 6-8 July 2005.
11. Tsitsamis D., Iakovou E., Vlachos D., Decision-Making In Container Terminal Operations: A Hierarchical And Comprehensive Framework, 3rd International Conference on Supply Chain Management and Information Systems - SCMIS2005, 452-462, Thessaloniki, 6-8 July 2005.
 12. Georgiadis P., Besiou M., Vlachos D., Iakovou E., A Comprehensive Methodological Framework for Sustainable Supply Chains, 2005 IASME/WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development, Athens, 12-14 July 2005.
 13. Moussiopoulos N., Achillas H., Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., Perkoulidis G., Sioris K. and Vlachos D., Cost analysis of the management of electrical and electronic products at the end of their useful life, 9th Conference on Environmental Science and Technology (9CEST 2005), 1032-1037, Rhodes island, Greece, 1-3 September 2005.
 14. Iakovou E., Vlachos D., Staiou E., Virtualization of Supply Chain Management: Trends and Challenges, 2nd International Conference on Manufacturing Engineering (ICMEN), 803-812, Chalkidiki, 5-7 October 2005.
 15. Iakovou E., Vlachos D., Designing and Managing Resilient Supply Chains: Disruptions, Risk and Security, 2nd International Conference on Manufacturing Engineering (ICMEN), 823-832, Chalkidiki, 5-7 October 2005.
 16. Valaouris G., Mamantzis D., Vlachos D., Efficient Algorithms for the Solution of the Trim Optimization Problem, 2nd International Conference on Manufacturing Engineering (ICMEN), 877-886, Chalkidiki, 5-7 October 2005.
 17. Georgiadis P., Iakovou E., Vlachos D., Besiou M., Ecological Motivation and Sustainability for Reverse Logistics: A System Dynamics Modeling Approach, 2005 WSEAS International Conference on Environment, Ecosystems and Development, 243-248, Venice, 2-4 November 2005.
 18. Iakovou E., Vlachos D., Tsitsamis D., A Systemic Methodological Framework for Port Container Terminal Logistics, XV International Conference Transport 2005, Sofia, 178-183, 10-11 November 2005.
 19. Moussiopoulos N., Achillas H., Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., Perkoulidis G., Sioris K. and Vlachos D., Cost analysis of the management of electrical and electronic products at the end of their useful life, XV International Conference Transport 2005, Sofia, 174-189, 10-11 November 2005.
 20. Iakovou E., Vlachos D., Samaras Z., Biomass Logistics for Bio-energy Production: A Methodological Framework, 1st CEMEPE Conference, Skiathos, 24-28 June 2007.
 21. Iakovou E., Karagiannidis A., Vlachos D., Samaras Z., Malamakis A., Logistics issues related to the collection and pre-treatment of organic substrates for energy production via thermal and biological processes, 10th Toulon-Verona Conference, Thessaloniki, September 3-5, 2007.
 22. Tsitsamis D., Iakovou E., Vlachos D., The Catalytic Role of Information Technologies in Managing Container Terminal Operations: the Case of the Port Authority of Thessaloniki, MARDCON 10, Alexandria, Egypt, November 3-4, 2007.
 23. Iakovou E., Vlachos D., Xanthopoulos, A., A Stochastic Inventory Management Model For a Dual-Sourcing Supply Chain with Disruptions, 5th International Conference on Supply Chain Management & Information Systems (SCMIS), Melbourne, Australia, December 9-12, 2007.
 24. Iakovou E., Vlachos D., Sustainable Logistics and Green Supply Chains: A New Strategic Priority, 6th International Conference on Tribology (BalkanTrib), Sozopol, Bulgaria, 12-14 June 2008.
 25. Toka A., Iakovou E., Karagiannidis A., Vlachos D., Design of Supply Chain Networks for Bio-lubricants' Production. 6th International Conference on Tribology (BalkanTrib), Sozopol, Bulgaria, 12-14 June 2008.
 26. Aidonis D., Iakovou E., Vlachos D., Reverse flows optimization for construction and demolition waste, 6th International Conference on Tribology (BalkanTrib), Sozopol, Bulgaria, June 12-14, 2008.
 27. Papapanagiotou K., Vlachos D., Decision making in Supply Chains using Simulation: A Methodological Approach, 3rd Annual South-East European Doctoral Student Conference (SEERC), Thessaloniki, June 26-27, 2008, 3-14.
 28. Toka A., Iakovou E., Vlachos D., Design of Waste Biomass Supply Chains for Energy Production, 3rd Annual South-East European Doctoral Student Conference (SEERC), Thessaloniki, June 26-27, 2008.
 29. Aidonis D., Iakovou E., Vlachos D., Design of Reverse Flows for Construction and Demolition Waste, 3rd Annual South-East European Doctoral Student Conference (SEERC), Thessaloniki, June 26-27, 2008.

30. Papapanagiotou K., Angelis E., Vlachos D., Decision making in Supply Chains using Simulation: A Methodological Approach", Management of International Business and Economics Systems (MIBES) International Conference, Larissa, Greece, July 4-5, 2008, 296-306.
31. Vlachos D., Iakovou E., Karagiannidis A., Toka A., A Strategic Supply Chain Management Model for Waste Biomass Networks, 3rd International Conference on Manufacturing Engineering (ICMEN), Chalkidiki, Greece, October 1-3, 2008.
32. Seferlis P., Vlachos D., Iakovou E., Xanthopoulos A., An Optimal Control Theory-Based Framework for Supply Chain Resilience, 3rd International Conference on Manufacturing Engineering (ICMEN), Kassandra, Chalkidiki, Greece, October 1-3, 2008.
33. Aidonis, D., Xanthopoulos, A., Vlachos, D., Iakovou, E., On the optimal deconstruction and recovery processes of end-of-life buildings, Proceedings of the 2nd WSEAS/IASME International Conference on Waste Management, Water Pollution, Air Pollution, and Indoor Climate (WWAI'08), Corfu, Greece, October 26-28, 2008, 211-216.
34. Aidonis, D., Xanthopoulos, A., Vlachos, D., Iakovou, E., "A Mixed-Integer Linear Programming Model for the Optimization of the Reverse Logistics Processes of End-of-Life Buildings, Proceedings of the 4th IASME/WSEAS International Conference on Energy and Environment (EE'09), Cambridge, United Kingdom, February 24-26, 2009.

C: Research Projects

- FORCE Identification of training needs for textile industry in Greece Ministry of Labour 1993
- Survey on the characteristics of workers in tourism business National Tourism Organisation 1993-1994
- Mentor Reengineering study of ELVO SA Hellenic Bank of Industrial Development 1993-94
- IRIS Initiative Pilot teleworking application in the region of Central Macedonia Region of Central Macedonia 1995
- Design of training programmes for tourism professionals, National Tourist Organisation 1995
- ADAPT, Report on firms operation in Prefecture of Drama, Labour Ministry, 1996
- The value of integration and coordination in a supply chain, Hewlett-Packard, USA (Strategic Planning and Modeling), 1996
- Development study for the Prefecture of Magnisia, Greek Manpower Employment Organization, 1994
- EPET II, Framework for valuation and privatisation of public enterprises General Secretariat of Research and Development, 1997-1998
- TMR Reverse Logistics and its effect on Industry, European Commission, 1997-2001
- Self-Evaluation Report of Aristotle University of Thessaloniki for the Institutional Review programme of European University Association, Aristotle University of Thessaloniki, 2001
- Strategic Plan for Aristotle University of Thessaloniki Ministry of Education 2002
- Cost Analysis of the Greek System for WEEE recycling WEEE Recycling SA 2004
- Strategic plan for Pedagogical Institute of Greece Pedagogical Institute of Greece, 2005
- Interreg III C Strategic Planning for Gastronomic Tourism in the Region of Central Macedonia Region of Central Macedonia 2006
- Feasibility Study for direct shipping line connection between Kavala and Alexandria, Euroaction S.A., 2008-09

D: Announcements in Conferences

1. Vlachos D., Tagaras G., Emergency Ordering in Periodic Review Inventory Systems, Management Science and Operations Research in an Emerging Region, Invited paper in INFORMS International Conference, Tel Aviv, 28 June-1 July 1998.
2. Georgiadis P., Vlachos D., Psoinos D.P., On the Integration of MRP Systems in Production Planning, XVI EURO Conference, Brussels, 12-15 July 1998.
3. Vlachos D., Tagaras G., Using Two Supply Modes for Inventory Replenishment: Applications to Reverse Logistics, 1st TMR Workshop on Reverse Logistics, Leiden, 16-18 July 1998.
4. Tagaras G., Vlachos D., A Periodic Review Inventory System with Emergency Replenishments,

- 10th International Symposium on Inventories, Budapest, August 1998.
5. Vlachos D., Tagaras G., An Inventory System with Partial Replenishment through Remanufacturing, 2nd TMR Workshop on Reverse Logistics, Spetses, June 5-9, 1999.
 6. Vlachos D., Dekker R., Ordering Policies for Single Period Products with Returns, 3rd TMR Workshop on Reverse Logistics, Wittenberg, 28 August-1 September, 2000.
 7. Vlachos D., Dekker R., Return Handling Options and Order Quantities for Single Period Products, POM Mastery in the New Millennium, POMS Conference, Orlando, 31 March-1 April 2001.
 8. Georgiadis P., Vlachos D., Decision-Making in Reverse Logistics using System Dynamics, XVIII EURO Conference, Rotterdam, 9-11 July 2001.
 9. Teunter R., Van Der Laan E., Vlachos D., Inventory Strategies for Hybrid Manufacturing/ Remanufacturing Systems with unequal lead-times, XVIII EURO Conference, Rotterdam, 9-11 July 2001.
 10. Vlachos D., Georgiadis P., Dynamics of Reverse Logistics Systems, 4th TMR Workshop on Reverse Logistics, Lisbon, 14-17 September 2001.
 11. Teunter R., van der Laan E., Vlachos D., Inventory Strategies for Systems with Fast Remanufacturing, IFORS, Edinburgh, 8-12 July 2002.
 12. Vlachos D., Georgiadis P., Tagaras G., Long Term Analysis of Closed-loop Supply Chains with System Dynamics, Joint EURO/INFORMS Conference, Istanbul, 6-10 July 2003.
 13. Georgiadis P., Vlachos D., The Impact of Environmental Issues on Reverse Logistics Capacity Planning, Joint EURO/INFORMS Conference, Istanbul, 6-10 July 2003.
 14. Moussiopoulos N., Achillas H., Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., Perkoulidis G., Sioris K., Vlachos D., Cost analysis of the management of electrical and electronic products at the end of their useful life, 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Thessaloniki, 8-12 October 2005.
 15. Vlachos D., Iakovou E., Xanthopoulos A., A Decision Making Analytical Model for Supply Chains with Disruptions, XXII EURO Conference, Prague, 8-11 July 2007.