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Curriculum Vitae
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I. PERSONAL

1. **Name :** Eleftherios Iakovou
2. **Office Phone:** +30-2310-995970
3. **Personal Phone:** +30-6977-667700
4. **Current Academic Rank:** Professor
5. **Primary Department:** Department of Mechanical Engineering,
Division of Industrial Management

II. HIGHER EDUCATION

1. **Institutional Training:**
 - **Ph.D.**, January 1992
School of Operations Research and Industrial Engineering,
Cornell University
 - **Master of Science**, May 1990
School of Operations Research and Industrial Engineering,
Cornell University
 - **5-year Diploma in Mechanical Engineering**, June 1987
Aristotle University of Thessaloniki, Thessaloniki, Greece
2. **Non-Institutional Training:** None
3. **Certification, Licensure:** Licensed Professional Engineer, Technical Chamber of Greece.

III. EXPERIENCE

1. Academic:

- Professor, 2007-Present
Chairman, Department of Mechanical Engineering, September 2013-Present
Director, Division of Industrial Management, 2007-2013
Director, Laboratory of Logistics and Supply Chain Management, 2002-Present
Department of Mechanical Engineering
Aristotle University of Thessaloniki
- Associate Professor, 2002-2007
Director, Laboratory of Logistics and Supply Chain Management
Department of Mechanical Engineering
Aristotle University of Thessaloniki
- Associate Professor (with tenure), 1998-2002
Department of Industrial Engineering
University of Miami
- **A. Burns Center for Advanced Supply Chain Management (Research Center).**
Founder & Director of the Center (2001-2002).
- **University of Miami. Perry Ellis: International Logistics Research Institute.**
Founder & Director of the Institute (2000-2002).
- **University of Miami. Ocean Pollution Research Center (OPRC).**
Founder Member.
Responsible for the Optimization of Maritime Transportation, Statistical Analysis & Risk (March 1994 – December 1998).
- Visiting Assistant Professor
Economics University of Athens, September - December 1998

- Assistant Professor
University of Miami, 1992-1998
Department of Industrial Engineering
- Visiting Assistant Professor
Cornell University, May-August 1992
School of Operations Research and Industrial Engineering
- Research Assistant
Cornell University, 1990-1992
School of Operations Research and Industrial Engineering
- Teaching Assistant
Cornell University, 1987-1990
School of Operations Research and Industrial Engineering

2. Non-Academic: Hellenic Army, 6th Infantry Regiment, 5/24/1998-8/24/1998

3. Non-Military: None

IV. PUBLICATIONS

1. Books and Monographs Published:

1. Iakovou, E., "A Hierarchical Approach to Machine Batching, Loading, and Tool Allocation Problems", Ph.D. Dissertation, Cornell University, Ithaca, NY, 1990.
2. Iakovou E., "Balancing of the Production Lines for the Hellenic Automotive Industry", Diploma Thesis, Aristotle University of Thessaloniki, Polytechnic School, Thessaloniki, Greece, 1987.
3. Iakovou E., "The Discipline of Logistics for the Development of Greece for the years ahead", Economia Publishing Group, 2013.

2. Juried Refereed Journal Articles:

2a. Refereed Articles in Journals

1. Iakovou, E., Douligeris, C., Korde, A., "A Synthesis of Decision Models for Analysis, Assessment, and Contingency Planning for Oil-Spill Incidents", *Omega, The International Journal of Management Science*, Vol. 22, No. 5, pp. 457-470, 1994.

2. Iakovou, E., Malik, K., Muckstadt, J.A., "A Hierarchical Approach for Metal Parts Fabrication", *International Journal of Production Research*, Vol. 33, No. 5, pp. 1257--1274, 1995.
3. Koulamas, C., Iakovou, E., "Machining Economics with Machine Interference Considerations", *International Journal of Production Research*, Vol. 33, No. 1, pp. 71-78, 1995.
4. Iakovou, E., Ip, C.M., Koulamas, C., "Optimal Machining Speed and Tool Inventory Policies in Machining Economics Systems", *IIE Transactions*, Vol. 28, pp. 601-606, 1996.
5. Iakovou, E., Ip, C.M., Koulamas, C., "Optimal Solutions for the Machining Economics Problem with Stochastically Distributed Tool Lives", *European Journal of Operational Research*, Vol. 92, pp. 63-68, 1996.
6. Iakovou, E., Ip, C.M., Koulamas, C., "Machining Economics with Phase-Type Distributed Tool Lives and Periodic Maintenance Control", *Computers and Operations Research*, Vol. 23, No. 1, pp. 53-62, 1996.
7. Iakovou, E., Ip, C.M., Koulamas, C., "Adaptive Tool Replacement Policies in Machining Economics", *Transactions of the ASME: Journal of Manufacturing Science and Engineering* (formerly Journal of Engineering for Industry), Vol. 118, pp. 658-663, 1996.
8. Douligeris, C., Collins, J., Iakovou E., Sun, P. Riggs, R., Mooers, C., "Development of OSIMS: An Oil Spill Information Management System", *Spill Science and Technology Bulletin*, Vol. 2, No. 4, pp. 255-263, 1996.
9. Li, H., Iakovou E., Douligeris C., "A Strategic Planning Model for Marine Oil Transportation in the Gulf of Mexico", *National Research Council's Transportation Research Record*, No. 1522, pp. 108-115, 1996.
10. Iakovou, E., Douligeris C., "Strategic Transportation Model for Oil in US Waters", *Computers & Industrial Engineering*, Vol. 31, No. 1/2, pp. 59-62, 1996.
11. Iakovou, E., Ip, C.M., Douligeris, C., Korde, A. "Optimal Location and Capacity of Emergency Cleanup Equipment for Oil-Spill Response", *European Journal of Operational Research*, Vol. 96, No. 1, pp. 72-80, 1997.
12. Douligeris, C., Iakovou, E., Englehardt, J., Li, H., Ip, C., "Development of a National Oil Transportation System Model", *Spill Science and Technology Bulletin*, Vol. 4, No. 2, pp. 113-121, 1997.
13. Iakovou, E., Koulamas, C., Malik, K., "Part Selection and Tool Allocation in Discrete Parts Manufacturing", *Annals of Operations Research (Mathematics of Industrial Systems)*, Vol. 76, pp. 187-200, 1998.
14. Iakovou, E., Douligeris, C., Li, H., Yudhbir, L., "A Maritime Global Route Planning Model for Hazardous Materials Transportation", *Transportation Science (Focused issue on Maritime Transportation)*, Vol. 33, No. 1, pp. 34-48, February 1999.

15. Iakovou, E., Ip, C., Koulamas, C., "Throughput-Dependent Periodic Maintenance Policies for General Production Units", *Annals of Operations Research, (Special Issue on Reliability and Maintenance in Production Control)*, Vol. 91, pp. 41-47, 1999.
16. Asfour A., Iakovou, E., Cortes, G., "A Synthesis and Application of Quality Function Deployment & Robust Design in the Medical Device Industry", *Quality Engineering*, Vol. 12, No. 1, pp. 37-45, 1999-2000.
17. Sharit, J., Czaja, S., Iakovou, E., Moses, J., "A Human Factors Systems Approach to Examining Oil Spills in Tankbarge Operations: Analysis and Reappraisal of Management Policies", *Maritime Policy and Management*, Vol. 27, No. 1, pp. 41-52, 2000.
18. Iakovou, E., Douligeris, C., "An Information Management System for Emergency Management of Hurricane Disasters", *International Journal of Risk Assessment and Management*, Vol. 2, Nos. 3/4, pp. 243-262, 2001.
19. Iakovou, E., Pachon J., "Optimization of the Transportation System at A University Campus: A Continuous Improvement Quality Management Methodology", *Quality Engineering*, 13(3), 11, pp. 427-435, 2001.
20. Iakovou, E., "An Interactive Multiobjective Model for the Strategic Maritime Transportation of Petroleum Products: Risk Analysis and Routing", *Safety Science*, 39, pp. 19-29, 2001.
21. Iakovou, E., and Ortiz, O., "Reengineering of the Laundry Service at a University Campus: A Continuous Improvement Quality Management Methodology", *Quality Engineering*, Vol. 16, No. 2, pp. 245-255, 2003.
22. Pachon, J., Iakovou, E., Ip, C., Aboudi, R., "A Synthesis of Tactical Fleet Planning Models for the Car Rental Industry", *Institute of Industrial Engineers (IIE) Transactions*, Vol. 35, Issue 9, pp. 907-916, 2003.
23. Erkoc, M., Iakovou, E., Spaulding, A., "Multi-Stage Onboard Inventory Management Policies for Food and Beverage Items in Cruise Line Operations", *Journal of Food Engineering*, Vol. 70, pp. 269-279, 2005.
24. Georgiadis, P., Vlachos, D., Iakovou, E., "A System Dynamics Modelling Framework for the Strategic Supply Chain Management of Food Chains", *Journal of Food Engineering*, Vol. 70, pp. 351-364, 2005.
25. Georgiadis, P., Besiou, M., Vlachos, D., Iakovou, E., "A Comprehensive Methodological Framework for Sustainable Supply Chains", *IASME Transactions*, Issue 4, Vol. 2, pp. 569-574, 2005.
26. Bozinis, A., Iakovou, E., "Electronic Democratic Governance: Problems, Challenges and Best Practices", *Journal of Information Technology Impact*, Vol. 5, No. 2, pp. 73-80, 2005.
27. Georgiadis, P., Iakovou, E., Vlachos, D., Besiou, M., "A System Dynamics Modeling Approach of Ecological Motivation in Sustainable Supply Chains", *WSEAS Transactions on Systems*, Issue 1, Vol. 5, pp. 48-55, 2006.

28. Iakovou, E., Xanthopoulos, A., "The Disassembly Process as a Core Competency in Closed-Loop Supply Chain Management: A Comprehensive Methodological Framework", Book Chapter in *SCMIS 2005 Handbook of: Supply Chain Management and Logistics in South East Europe*, pp. 18-34, 2006.
29. Ntziachristos, L., Mamakos, A., Samaras, Z., Xanthopoulos, A., Iakovou, E., "Emission Control Options for Power Two Wheelers in Europe", *Atmospheric Environment*, Vol. 40, pp. 4547-4561, 2006.
30. Pachon, J., Iakovou, E., Ip, C., "Vehicle Fleet Planning in the Car Rental Industry", *Journal of Revenue and Pricing Management*, Vol. 5, pp. 221-236, 2006.
31. Iakovou, E., "A New Paradigm for Logistics and Supply Chain Management of Lubricants", *Journal of the Balkan Tribological Association*, Vol. 12, No. 1, pp. 120-132, 2006.
32. Vlachos, D., Georgiadis, P., Iakovou, E., "A System Dynamics Model for Dynamic Capacity Planning of Remanufacturing in Closed-Loop Supply Chains", *Computers and Operations Research*, Vol. 34, No. 2, pp. 367-394, 2007.
33. Pachon, J., Erkoc, M., Iakovou, E., "Contract Optimization with Front-end Fare Discounts for Airline Corporate Deals", *Transportation Research Logistics: Part E*, Vol. 43, pp. 425-441, 2007.
34. Iakovou, E., Vlachos, D., Xanthopoulos, A., "An Analytical Methodological Framework for the Optimal Design of Resilient Supply Chains", *International Journal of Logistics Economics and Globalisation*, Vol. 1, pp. 1-20, 2007.
35. 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.
36. Iakovou, E., Georgiadis, P., Vlachos, D., "A Comprehensive Methodological Framework for Improving Security and Efficiency of Port Container Logistics", *International Journal of Logistics Economics and Globalisation*, Vol. 1, No. 2, pp. 176-189, 2008.
37. 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*, Vol. 4, No. 11, pp. 1036-1046, 2008.
38. 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*, Vol. 1, No. 3, pp. 301-318, 2009.
39. Xanthopoulos, A., Iakovou, E., 2009. "On the Optimal Design of the Disassembly and Recovery Processes", *Waste Management: Special Issue on 'Integrated Waste Management Aspects in the frame of Environmental Management, Engineering, Planning and Economics'*, Vol. 29, No. 5, pp. 1702-1711.

40. Iakovou, E., Moussiopoulos, N., Xanthopoulos, A., Achillas, Ch., Michailidis, N., Chatzipanagioti, M., Koroneos, C., Bouzakis, K.-D., Kikis, V., 2009. "A Methodological Framework for End-of-Life Management of Electronic Products", *Resources, Conservation and Recycling*, Vol. 53, No. 6, pp. 329-339.
41. Xanthopoulos, A., Aidonis, D., Vlachos, D., Iakovou, E., 2009. "Reverse Logistics Processes of Multi-Type End-of-Life Buildings/Construction Sites: An Integrated Optimization Framework", *WSEAS Transactions on Environment and Development*, Vol. 5, No. 3, pp. 250-259.
42. Xanthopoulos, A., Iakovou, E., 2010. "A Strategic Methodological Optimization Framework for the Design of a Reverse Logistics Network with Forward Supply Channel Synergies", *International Journal of Logistics Systems and Management*, Vol. 7, No. 2, pp 165-183.
43. Iakovou, E., Vlachos, D., Xanthopoulos, A., 2010. "Risk and Security Management for Logistics Service Providers: Trends, Challenges and Opportunities", in: Wagner, S.M., Bode, C., (eds.), *Managing Risk and Security: The Safeguard of Long-Term Success for Logistics Service Providers*. Haupt Publishers, Berne, Switzerland, pp. 59-81.
44. Iakovou, E., Vlachos, D., Xanthopoulos, A., 2010. "A Stochastic Inventory Management Model for a Dual-Sourcing Supply Chain with Disruptions", *International Journal of Systems Science*, 41(3), pp. 315-324.
45. Xanthopoulos, A., Iakovou, E., 2010. "Design of Reverse Supply Chains in Support of Agile Closed-Loop Logistics Networks", in: Lihui W., Lenny-Koh, S.C., (eds.), *Enterprise Networks and Logistics for Agile Manufacturing*. Springer-Verlag, Berlin, pp. 271-296.
46. Iakovou E., Karagiannidis A., Vlachos D., Toka A. and Malamakis A., 2010. "Waste biomass-to-energy supply chain management: a critical synthesis", *Waste Management*, Vol. 30(10), pp. 1860-1870.
47. Iakovou, E., Vlachos, D., Toka, A., 2010. "Waste Biomass Supply Chains for Energy Production: A Hierarchical Decision-Making Framework", in: Haggi, A.K., (ed.), *Waste Management: Research Advances to Convert Waste to Wealth*, Series: Waste and Waste Management, Nova Science Pub Inc.
48. Achillas Ch., Vlachokostas Ch., Aidonis D., Moussiopoulos N., Iakovou E., Baniyas G., 2010. "Optimising reverse logistics network to support policy-making in the case of electrical and electronic equipment", *Waste Management*, Vol. 30(12), pp. 2592-2600.
49. Xanthopoulos, A., Vlachos, D., Iakovou, E., 2011. "Optimal Sourcing Decisions for Unreliable Reverse Supply Chains", *Asia-Pacific Journal of Operational Research*, Vol. 28(1), pp. 125-146.
50. Chatzipanagioti M., Iakovou E., Vlachos D., Hajidimitriou Y.A., 2011. "Trade Facilitation and Supply Chain Network Design", *Operations and Supply Chain Management: An International Journal*, (4)2-3, 99-107.

51. Xanthopoulos, A., Vlachos, D., Iakovou, E., 2012. "Optimal Newsvendor Policies for Dual-Sourcing Supply Chains: A Disruption Risk-Management Framework", *Computers & Operations Research: Special Issue on 'Operations Research in Risk Management'*, *Computers & Operations Research*, Vol. 39(2), pp. 350-357.
52. Xanthopoulos, A., Aidonis, D., Vlachos, D., Iakovou, E., 2012. "A Planning Optimization Framework for Construction and Demolition Waste Management", *International Journal of Industrial and Systems Engineering*, Vol. 10(3), pp 257-276.
53. Iakovou E., Vlachos D., Toka A., 2012. "A Methodological Framework for Integrating Waste Biomass into a Portfolio of Thermal Energy Production Systems", in: Karagiannidis, A., (ed.), *Waste to Energy. Opportunities and Challenges for Developing and Transition Economies*, Series: Green Energy and Technology, Springer-Verlag.
54. Vlachos D., Iakovou E., Papapanagiotou K., and Partsch D., "Building robust supply chains by reducing vulnerability and improving resilience", *International Journal of Agile Systems and Management*, Vol. 5(1), pp. 59-81.
55. Vlachos D., Iakovou E., Keramydas Ch., Anagnostopoulos A., 2012. "On the Estimation of the Necessary Inventory for Hellenic Public Cord Blood Banks Using Simulation", *Operational Research: An International Journal*, Vol. 12(1), pp. 57-68.
56. Toka A., Iakovou E., Vlachos D., 2012. "Waste Biomass Supply Chains for Thermal Energy Production". In "Energy recovery from waste and waste biomass: Current trends and challenges in the context of integrated resource management", eds.: Karagiannidis A. and Malamakis A., Publication of Laboratory of Heat Transfer and Environmental Engineering, Aristotle University of Thessaloniki.
57. Iakovou E., Vlachos D., Toka A., 2012. "Integrating Waste Biomass into Thermal Energy Production Systems: A Strategic Methodological Framework", *Civil Engineering and Environmental Systems*, Vol. 29(4), pp. 255-272.
58. Tsolakis N., Keramydas Ch., Toka A., Aidonis D., Iakovou E., 2013. "Agrifood Supply Chain Management: a Comprehensive Hierarchical Decision-making Framework and a Critical Taxonomy", *Biosystems Engineering*, in print.

2b. Articles Submitted to Refereed Journals and Books:

2c. Articles in Refereed Conference Proceedings:

1. Iakovou, E., "Quality Engineering, Off-Line Quality Control and the Taguchi Methods", (eds.: Sumanth, D.J., Edosomwan, J.A., Poupart, R., Sink, D.S.), *Productivity & Quality Management Frontiers - IV*, Miami, FL, February 9-12, 1993, pp. 719-731.

2. Iakovou, E., Douligeris, C., Korde, A., "Quantitative Technologies for Decision Making in Contingency Planning and Response for Oil-Spill Incidents", Proceedings of the Fourth International Conference on Management of Technology, Vol. 1, pp. 673-682, 1994.
3. Douligeris C., Ip C., Englehardt J., Iakovou E., Wong V., Mooers C., "NMOTSM: A National Marine Oil Transportation System Model", Proceedings of the Second International Oil Spill Research and Development Forum, Vol. 2, pp. 627-636, 1995.
4. Douligeris C., Collins J., Iakovou E., Mooers C., "OSIMS: A Prototype Oil Spill Information Management System", Proceedings of the Second International Oil Spill Research and Development Forum, Vol. 2, pp. 774-781, 1995.
5. Douligeris, C., Collins, J., Iakovou, E., Sun, P., Riggs, K., "Designing an Oil Spill Information Management System", Proceedings of the International Emergency Management Conference, Nice, France, pp. 386-391, May 1995.
6. Iakovou, E., Douligeris, C., "The Telecommunications Industry and Quality Improvement Programs", Proceedings of the Fifth International Conference on Management of Technology, pp. 183-192, 1996.
7. Iakovou, E., Douligeris, C., "A Systems Approach to Marine Oil Transportation in the United States", Proceedings of the International Conference for the Protection and Restoration of the Environment III, Chania, Greece, pp. 388-395, August, 1996.
8. Iakovou, E., Douligeris, C., "A Systems Model of Oil Traffic in the US Waters", 1997 International Oil Spill Conference, Ft. Lauderdale, FL, April 7-10, 1997.
9. Douligeris and E. Iakovou, "Maritime Route Risk Analysis for Hazardous Materials Transportation", Proceedings of the 8th I-FAC11FIP11FORS, Symposium on Transportation Systems, Chania, Crete, Greece, pp. 574-579, June 16-18, 1997.
10. Iakovou, E., C. Douligeris and L. Yudhbir, "Economic and Environmental Impact of Marine Transportation of Hazardous Materials", Protection and Restoration of the Environment IV, Proceedings of an International Conference, Halkidiki, Greece, Vol. II, pp. 895-902, July 1-4, 1998.
11. Iakovou, E., Douligeris, C., Yudhbir, L., "Risk Assessment for the Maritime Transportation of Hazardous Materials", Decision Sciences Institute: 5th International Conference, Athens, Greece, July 4-7, 1998.
12. Ventikos, N., H. N. Psaraftis, and E. Iakovou, "A Prototype Statistical Approach of Oil Pollution in the Mediterranean Sea", First International Conference, OIL SPILL 98, Proceedings, Southampton, UK, July 29-31, 1998, 211-226.
13. Asfour, S., Iakovou, E., and G. Cortes, "An Application of Quality Function Deployment in the Design of a Medical Device", The Tenth Symposium on Quality Function Deployment, Proceedings, Novi Michigan, June 14-16, 1998.
14. Iakovou, E., Douligeris, C., "An Information Management System for Hurricane Disasters", Sixth Annual Conference of The International Emergency Management Society, Delft, The Netherlands, June 7-11, 1999, pp. 360-369.

- 15.** Iakovou, E., Yudhbir, L., Douligieris, C., "A Multiobjective Maritime Risk-Based Oil Transportation Model", TIEMEC 2000, Orlando, FL, May 2000.
- 16.** Iakovou, E., Douligieris, C., Yudhbir, L., "Maritime Risk-Based Oil Transportation Model", 13th National Operations Research Conference, Piraeus, Greece, November 30 - December 2, 2000.
- 17.** Yudhbir, L., and E. Iakovou, "A Maritime Oil Spill Risk Assessment Model", Proceedings of the International Oil Spill Conference (IOSC) 2001.
- 18.** Sharit, J., and E. Iakovou, "A Human Reliability Based Oil Spill Information Management System", Proceedings of the International Oil Spill Conference (IOSC) 2001.
- 19.** Iakovou, E., "A New Framework for Supply Chain Management: Review, Concepts and Examples", Third Aegean International Conference on "Design and Analysis of Manufacturing Systems", Tinos, Greece, May 19-22, 2001, pp. 27-36.
- 20.** Psinos, A., Vlachos, D., Iakovou, E., "Vendor-Managed Inventory via the Web: When E-business meets Supply Chain Management", Stimulating Manufacturing Excellence in Small and Medium Enterprises: Proceedings of the Sixth SMESME International Conference, Athens, Greece, June 1-3, 2003, pp. 539-554.
- 21.** Iakovou, E., Douligieris, C., "Government e-Procurement: A Methodological and Architectural Framework", e-DEMOCRACY: Information Society & Citizen's Rights, Athens, Greece, September 25-26, 2003, pp. 101-111.
- 22.** Iakovou, E., Vlachos, D., "Risk Management in Supply Chains: Organizational and Technological State-of-the-Art Solutions", 8th Greek National Conference on Logistics 2004, Athens 26-27 November 2004 (electronic proceedings).
- 23.** Iakovou, E., Vlachos D., "Security in Supply Chains: Organizational and Technological Solutions, Trends and Prospects", 1st Greek National Conference of Mechanical & Electrical Engineers, Athens 28-30 March 2005 (electronic proceedings).
- 24.** Iakovou, E., "A Comprehensive Framework for Logistics & Supply Chain Management of Lubricants", Balkantrib'05: 5th International Conference of Tribology, Kragujevac, Serbia and Montenegro, June 15-18, 2005, pp. 576-584.
- 25.** Iakovou, E., Xanthopoulos, A., "A New Framework for Supply Chain Disassembly & Reverse Logistics: Review, Concepts and Examples", 3rd International Workshop on Supply Chain Management and Information Systems: Proceedings of SCMIS 2005, Thessaloniki, Greece, July 6-8, 2005, pp. 441-451.
- 26.** Tsitsamis, D., Iakovou, E., Vlachos, D. "Decision-Making in Container Terminal Operations: A Hierarchical and Comprehensive Framework", 3rd International Workshop on Supply Chain Management and Information Systems: Proceedings of SCMIS 2005, Thessaloniki, Greece, July 6-8, 2005, pp. 452-462.
- 27.** 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, Greece, July 12-14, 2005 (electronic proceedings).

- 28.** Iakovou, E., Vlachos, D., Staiou, E., "Virtualization of Supply Chain Management: Trends and Challenges", 2nd ICMEN Conference, Chalkidiki, Greece, October 5-7, 2005, pp. 803-812.
- 29.** Iakovou, E., Vlachos, D., "Designing and Managing Resilient Supply Chains: Disruptions, Risk and Security", 2nd ICMEN Conference, Chalkidiki, Greece, October 5-7, 2005, pp. 823-832.
- 30.** Rafailidis, T., Iakovou, E., "Campaign Planning for Manufacturing Supply Chains", 2nd ICMEN Conference, Chalkidiki, Greece, October 5-7, 2005, pp. 845-854.
- 31.** Koroneos, C., Moussiopoulos, N., Achilles, H., Dompros, A., Bouzakis, K.-D., Michailidis, N., Iakovou, E., Xanthopoulos, A., "Implementation of Recycling Aspects' Integrated Product Policy in Electrical and Electronic Equipment", 2nd ICMEN Conference, Chalkidiki, Greece, October 5-7, 2005, pp. 855-865.
- 32.** Xanthopoulos, A., Iakovou, E., "Environmentally-Conscious Manufacturing, Supply Chain Disassembly & Reverse Logistics", 2nd ICMEN Conference, Chalkidiki, Greece, October 5-7, 2005, pp. 867-876.
- 33.** Iakovou, E., Vlachos, D., Psinos, D., "A Methodological Framework for the Development of Organizational Memory with the Use of Knowledge Management", 1st Conference of Management Scientists: Management Theory and Applications – Management and Society, Athens, 6-7 October, 2005.
- 34.** 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, Venice, November 2-4, 2005, pp. 243-248.
- 35.** Iakovou, E., Vlachos, D., Tsitsamis, D., "A Systemic Methodological Framework for Port Container Terminal Logistics", XV International Conference Transport 2005, Sofia, Bulgaria, November 10-11, 2005.
- 36.** Vlachos, D., Tsitsamis, D., Iakovou, E., Georgiadis, P., "A Methodological Framework for the Strategic Management of Ports' Container Terminals", 9th Panhellenic Logistics Conference 2005, Thessaloniki, 25-26 November, 2005 (electronic proceedings).
- 37.** Xanthopoulos, A., Iakovou, E., "An Analytical Strategic Model for the Configuration of a Closed-Loop Supply Chain Network", 3rd Management Science and Technology Student Conference - Entrepreneurship and Technology: Keys for Competitiveness, Athens, Greece, May 10, 2006, pp. 285-292.
- 38.** Xanthopoulos, A., Iakovou, E., Vlachos, D., "Mixed-Integer Linear Model for the Optimization of Reverse Supply Chains", 18th National Conference of the Hellenic Operational Research Society (HELORS), Kozani, Greece, June 15-17, 2006, pp. 529-538.

- 39.** Xanthopoulos, A., Iakovou, E., "A Methodological Framework for the Efficient Configuration of A Reverse Logistics Network", Protection and Restoration of the Environment VIII, Chania, Greece, July 3-7, 2006, pp. P358:1-P358:8.
- 40.** Xanthopoulos, A., Iakovou, E., "An Analytical Strategic Model for the Configuration of a Closed-Loop Supply Chain Network", 1st Annual South-East European Research Centre (SEERC) Student Doctoral Conference: Infusing Research and Knowledge in South-East Europe, Thessaloniki, Greece, July 10, 2006, pp. 215-224.
- 41.** Moussiopoulos, N., Koroneos, C., Achillas, H., Bouzakis, K.-D., Michailidis, N., Iakovou, E., Xanthopoulos, A., Chatzipanagioti, M. "Decision-Making on the Alternatives for the End-of-Life Management of Electrical and Electronic Equipment" in Re-Use/Remanufacturing Session, Sixth International Symposium: Going Green CARE INNOVATION 2006 – From WEEE/RoHS Implementation to Future Sustainable Electronics, Vienna, Austria, November 13-16, 2006.
- 42.** Moussiopoulos, N., Papadopoulos, A., Iakovou, E., Achillas, H., Aidonis, D., Anastaselos, D., Banias, G., "Information System for Demolition Waste Management. Requirements Analysis" 2nd Greek National Conference of Mechanical & Electrical Engineers, Athens, May 16-18, 2007.
- 43.** Toka, A., Iakovou, E., "Game Theory and Decision-Making on Supply Chain Management, 4th Management Science and Technology Student Conference, Athens, Greece, May 17, 2007.
- 44.** Chatzipanagioti, M., Gotzamani, K., Iakovou, E., "Quality Management on Supply Chain", 4th Management Science and Technology Student Conference, Athens, Greece, May 17, 2007.
- 45.** Iakovou, E., Vlachos, D., Toka, A., "A Methodological Framework of the Decision-making Process for the Design and Operation of Biomass Supply Chains", 19th National Conference of the Hellenic Operational Research Society (HELORS), Arta, Greece, June 21-23, 2007.
- 46.** Xanthopoulos, A., Iakovou, E., "Multiobjective Optimization of the Disassembly Process", 2nd Annual South-East European Research Centre (SEERC) Doctoral Student Conference, Thessaloniki, Greece, June 22-23, 2007, pp. 1-8
- 47.** Moussiopoulos, N., Papadopoulos, A., Iakovou, E., Achillas, H., Aidonis, D., Anastaselos, D., Banias, G., "Legislative Framework on Construction and Demolition Waste Management", First International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), Skiathos Island, Greece, June 24-28, 2007, pp. 1569-1575.
- 48.** Xanthopoulos, A., Iakovou, E., "A Multicriteria Decision-Making Methodology for the Optimal Design of the Recovery and Disassembly Processes of Electric and Electronic Products", First International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), Skiathos Island, Greece, June 24-28, 2007, pp. 2355-2361.

- 49.** Iakovou, E., Vlachos, D., Samaras, Z., "Biomass Logistics for Bio-energy Production: A Methodological Framework", First International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), Skiathos Island, Greece, June 24-28, 2007, pp. 2073-2078.
- 50.** Cho, S., Buitrago, J., Iakovou, E., "Design of Resilient Supply Chains: Effective Use of Influence Matrices for Disruption Preparedness", International Conference on Changeable, Agile, Reconfigurable and Virtual Production, Toronto, Canada, July 22-24, 2007.
- 51.** Moussiopoulos, N., Papadopoulos, A., Iakovou, E., Achillas, H., Aidonis, D., Anastaselos D., Baniias, G., "Construction and Demolition Waste Management: State of the Art Trends", 10th International Conference on Environmental Science and Technology, Cos Island, Greece, September 5-7, 2007.
- 52.** 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.
- 53.** 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 (Award for Best Paper).
- 54.** Mousiopoulos N., Iakovou E., Papadopoulos A., Achillas C., Aidonis D., Anastaselos D., Mpanias G., "Decision-Making Methodological Framework for the Design and Operation of an Inert Material Recycling Plant", Proceedings of the 3rd Environmental Macedonian Conference, Thessaloniki, 14-17 March 2008, 92.
- 55.** Mousiopoulos N., Iakovou E., Papadopoulos A., Achillas C., Aidonis D., Anastaselos D., Mpanias G., "Reuse and Recycling Applications of Construction Materials at the End of their Useful Life", Proceedings of the 1st Panhellenic Construction Materials Conference – Exhibition, Technical Chamber of Greece, Athens 21-23 May 2008, Chapte B, 497-508.
- 56.** Aidonis D., Iakovou E., Vlachos D., "Design of Reverse Flows for the Management of Construction Materials at the End of their Useful Life", 5th Student Conference on Management Science and Technology, Athens, 8 May 2008.
- 57.** 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.
- 58.** 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.
- 59.** 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.

- 60.** 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.
- 61.** 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.
- 62.** 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.
- 63.** 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.
- 64.** 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, pp. 211-216.
- 65.** 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, pp. 443-448.
- 66.** Vlachos, D., Iakovou, E., Toka, A., "A critical taxonomy of design and aggregate planning models for biomass supply chains", Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics, SECOTOX/CEMEPE, Eds. Kungolos A., Aravossis K., Karagiannidis A. and Samaras P., Mykonos island, Greece, 21-26 June 2009.
- 67.** Moussiopoulos, N., Anastaselos, D., Aidonis, D., Banias, G., Achillas, Ch., Iakovou, E., Papadopoulos, A., "DeconRCM: A decision support system tool for renovation and demolition waste management", Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics, SECOTOX/CEMEPE, Eds. Kungolos A., Aravossis K., Karagiannidis A. and Samaras P., Mykonos island, Greece, 21-26 June 2009, 1113-1119.
- 68.** Vlachos D., Iakovou E., Keramidas C., Ypsilantis P., Anagnostopoulos A., Capacity Planning for the Hellenic System of Cord Blood Banks Using Simulation, 19th National Conference of the Hellenic Operational Research Society (HELORS), Athens, 28-30 May 2009.
- 69.** Moussiopoulos, N., Banias, G., Aidonis, D., Anastaselos, D., Achillas, Ch., Iakovou, E., Papadopoulos, A., Vlachokostas, Ch., "Development of a web based application for the optimal demolition waste management in the Region of Central Macedonia",

Proceedings of the 11th International Conference on the Environmental Science and Technology (CEST2009), Ed. Lekkas T.D., Chania, Crete island, Greece, 3-5 September 2009, 954-961.

- 70.** Toka A., Iakovou E., Vlachos D., "Modeling of Agricultural Waste Biomass Supply Chains for Energy Production", 4th MIBES (Management of International Business and Economics Systems) Conference 2009, Florina, Greece, September, 18-20, 2009.
- 71.** Toka A., Iakovou E., Vlachos D., "Decision-Making Methodological Framework for the Design and Operation of Biomass Supply Chains", Proceedings of the 3rd Conference of the Environmental Council of the Aristotle University of Thessaloniki, Thessaloniki, 15-17 October 2009.
- 72.** Moussiopoulos, N., Baniyas, G., Aidonis, D., Anastaselos, D., Vlachokostas, Ch., Achillas, Ch., Iakovou, E., Papadopoulos, A., "Web-Based Application for the Optimal Management of Buildings' Demolition Waste in Central Macedonia", Proceedings of the 3rd Conference of the Environmental Council of the Aristotle University of Thessaloniki, 15-17 October 2009.
- 73.** Moussiopoulos, N., Achillas, Ch., Baniyas, G., Aidonis, D., Anastaselos, D., Vlachokostas, Ch., Iakovou, E., Papadopoulos, A., "Web-Based Application for the Optimal Management of Buildings' Demolition Waste", Proceedings of the 3rd International Conference of Hellenic Solid Waste Management Association, Athens, 15-17 October 2009, CD-ROM edition.
- 74.** Vlachos, D., Iakovou E., Keramidas C., Spyropoulou-Vlachou M., Barla-Lefterioti, M., Stavropoulou-Gioka, A., Anagnostopoulos A., "Hellenic Stem Cell Bank Network", 20th Panellenic Aimatological Conference, Crete, 4-7 November 2009.
- 75.** Iakovou, E., Vlachos, D., Mallidis, I., Chatzipanagioti, M., "Nearshoring, Sustainability and Free Trade Facilitation for Global Logistics Networks", Sustainable Production and Logistics in Global Networks, 43rd CIRP International Conference on Manufacturing Systems, Vienna University of Technology, Austria, May 26-28 2010.
- 76.** Keramydas C., Vlachos D., Iakovou E., "Design of the Hellenic Public Cord Blood Bank Network", MIBES 2010 Conference, Kavala, Greece, June 4-6, 2010.
- 77.** Keramydas C., Anagnostopoulos A., Vlachos D., Iakovou E., Spyropoulou-Vlachou M., Varla-Lefterioti M., Stavropoulos-Giokas C., "Hellenic Umbilical Cord Blood Bank Network", 15th Congress of the European Hematology Association, Barcelona, 10-13 June, 2010.
- 78.** Iakovou E., Vlachos D., Chatzipanagioti M., Mallidis I., "A Comprehensive Optimisation Framework for Sustainable Supply Chain Networks", 7th International Conference on Logistics & Sustainable Transport, University of Maribor, Slovenia June, 24-26, 2010.
- 79.** Toka A., Iakovou E., Vlachos D., "Biomass Supply Chain Management for Energy Polygeneration Systems", 1st Olympus ICSC (International Conference on Supply Chains), Katerini, Greece, October, 1-2, 2010.

- 80.** Achillas Ch., Aidonis D., Vlachokostas Ch., Iakovou E., Moussiopoulos N., Baniias, G., "Introducing External Costs in the Decision Making of Multi-Type Carriers for the Transportation of Waste Electrical and Electronic Equipment, 1st Olympus ICSC (International Conference on Supply Chains), Katerini, Greece, October, 1-2, 2010.
- 81.** Moussiopoulos N., Baniias G., Aidonis D., Anastaselos D., Achillas Ch., Vlachokostas Ch., Iakovou E., Papadopoulos A., "Estimating Costs for the Integrated Management of Waste from Construction Activities", 1st Olympus ICSC (International Conference on Supply Chains), Katerini, Greece, October, 1-2, 2010.
- 82.** Keramydas C., Iakovou E., Vlachos D., "Maintenance and Spare Parts Management: the Case of Thessaloniki's Port Authority Container Terminal", 1st Olympus ICSC (International Conference on Supply Chains), Katerini, Greece, October, 1-2, 2010.
- 83.** Chatzipanagioti M., Iakovou E., Hajidimitriou Y.A., "Trade Facilitation and Supply Chain Network Design", 1st Olympus ICSC (International Conference on Supply Chains), Katerini, Greece, October, 1-2, 2010.
- 84.** Iakovou E., Vlachos D., Tsolakis N., "The Role of Supply Chain Management in Fostering Regional Development Throughout Southeastern Europe", 4th International Conference for Entrepreneurship, Innovation and Regional Development, Ohrid, FYROM, May 5-7, 2011.
- 85.** Grigoriadou L., Toka A., Iakovou E., "Introducing Biomass into the Energy Mix for Heating Buildings: A Strategic Optimization Model", 8th Management Science and Technology Student Conference, Athens, Greece, May 12, 2011.
- 86.** Iakovou E., Vlachos D., Chatzipanagioti M., "Nearshoring and offshoring for global supply chain networks: a total landed cost perspective", CSCMP European Research Seminar, June 8, 2011.
- 87.** Iakovou E., Vlachos D., Toka A., "A Strategic Optimization Model for the Integration of Waste Biomass into Thermal Energy Systems", 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE2011), Skiathos, Greece, June 19-24, 2011.
- 88.** Tsolakis N., Iakovou E., "A System Dynamics Methodology for the Modelling of Innovation Clusters", 6th South East European (SEERC) Doctoral Student Conference, Thessaloniki, 19 - 20 September 2011, Greece.
- 89.** Iakovou E., Vlachos D., Chatzipanagioti M., "A methodological framework for designing sustainable global supply chain networks", 4th International Conference on Manufacturing Engineering (ICMEN), Thessaloniki, October 3-5, 2011.
- 90.** Toka A., Grigoriadou L., Iakovou E., "Assessing the Integration of Waste Biomass into Thermal Energy Systems: A Simulation-based Optimization Framework", 4th International Conference on Manufacturing Engineering (ICMEN), Thessaloniki, Greece, October 3-5, 2011.

91. Keramydas C., Vlachos D., Iakovou E., "The impact of various customer order fulfilling policies for a ceramic tiles manufacturer", 4th International Conference on Manufacturing Engineering (ICMEN), Thessaloniki, October 3-5, 2011.
92. Iakovou E., Vlachos D., Tsolakis N., Keramydas C., "A System Dynamics Approach towards the Role of Innovation in Fostering Trade and Regional Development throughout Southeastern Europe", 5th International Conference for Entrepreneurship, Innovation and Regional Development (ICEIRD 2012), Sofia, Bulgaria, June 1 - 2, 2012.
93. Keramydas C., Vlachos D., Iakovou E., "Optimal Order Fulfillment Policies for a Ceramic Tiles Manufacturer", Operational Research Society: Simulation 6th Workshop 2012 (SW12), Worcestershire, England, 27-28 March, 2012.
94. Siamas I., Iakovou E., Vlachos D., "Strategic Mapping of a National Logistics & Supply Chain System: The Case of Greece", 2nd Olympus ICSC (International Conference on Supply Chains), Katerini, Greece, October, 5-6, 2012.
95. Partsch D., Keramydas Ch., Vlachos D., Iakovou E., "A Simulation Based Risk Methodology to Calculate the Cost to Recuparate from a Supply Chain Disruption with a Dual-Sourcing Mitigation Strategy", 2nd Olympus ICSC (International Conference on Supply Chains), Katerini, Greece, October, 5-6, 2012.
96. Thymianidis M., Achillas Ch., Tzetzis D., Iakovou E., "Modern Additive Manufacturing Technologies: An Up-to-Date Synthesis and Impact on Supply Chain Design", 2nd Olympus ICSC (International Conference on Supply Chains), Katerini, Greece, October, 5-6, 2012.
97. Iakovou E., Vlachos D., Achillas Ch., Anastasiadis F., "A Methodological Framework for the Design of Green Supply Chains for the Agrifood Sector", 2nd Olympus ICSC (International Conference on Supply Chains), Katerini, Greece, October, 5-6, 2012.
98. Mallidis I., Vlachos D., Iakovou E., "Environmental Management Accounting and Supply Chain Management: An Up to Date Critical Synthesis", 2nd Olympus ICSC (International Conference on Supply Chains), Katerini, Greece, October, 5-6, 2012.
99. Tsolakis N., Keramydas Ch., Toka A., Aidonis D., Iakovou E., "Supply Chain Management for the Agri-food Sector: A Critical Taxonomy", Aristotle University of Thessaloniki, 2nd Olympus ICSC (International Conference on Supply Chains), Katerini, Greece, October, 5-6, 2012.
100. Toka A., **Iakovou E.**, Vlachos D., Grigoriadou A. L., "Diffusion of biomass into thermal energy production systems: A system dynamics modelling framework". *Commission Internationale de l'Organisation Scientifique du Travail en Agriculture (CIOSTA) XXXV*, Billund, Denmark, July, 3-5, 2013.
101. Vlachos D., Tsolakis N., Keramydas Ch., **Iakovou E.**, "Design of agrifood supply chains with dual sourcing and emergency replenishments". *Commission Internationale de l'Organisation Scientifique du Travail en Agriculture (CIOSTA) XXXV*, Billund, Denmark, July, 3-5, 2013.

- 102.** Aivazidou E., **Iakovou E.**, Vlachos D., Keramydas C., "A Methodological Framework for Supply Chain Carbon Footprint Management". *Chemical Engineering Transactions*, Vol. 35. *16th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction (PRES'13)*, Rhodes, Greece, September 29 - October 2, 2013.
- 103.** Mallidis I., Vlachos D., **Iakovou E.**, "A Decision Support Model for Capturing the Impact of Energy Savings and Pollution Legislation on Supply Chain Network Design". *Chemical Engineering Transactions*, Vol. 35. *16th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction (PRES'13)*, Rhodes, Greece, September 29 - October 2, 2013.

3. Other Works, Publications and Abstracts:

3a. Conference Abstracts:

- 1.** Iakovou, E., Malik, K., Muckstadt, J. A. "Hierarchical Planning in Metal Parts Fabrication", ORSA/TIMS Joint National Meeting, Orlando, FL., April 25-29, 1992.
- 2.** Iakovou, E., Koulamas, C., Malik, C., "Tool Selection in Discrete Parts Manufacturing", ORSA/TIMS Joint National Meeting, Chicago, IL, May 16-19, 1993.
- 3.** Douligeris, C., Iakovou, E., Korde, A., "Optimization Methods in Contingency Planning for Oil Spill Incidents", TIMS XXXII, Anchorage, AK, June 12-15, 1994.
- 4.** Iakovou, E., Douligeris, C., "A Strategic Transportation Model for Oil in US Waters", 19th International Conference on Computers and Industrial Engineering, Miami, FL, March 3-6, 1996.
- 5.** Iakovou, E., Douligeris, C., "A Strategic Planning Model for Oil Transportation in the US", Institute for Operations Research and the Management Sciences (INFORMS) Spring 1996 National Meeting, Washington, DC, May 5-8, 1996.
- 6.** Iakovou, E., Ip, C., Koulamas, K., "Optimal Machining Speed & Tool Inventory Policies in Machining Economic Systems", Institute for Operations Research and the Management Sciences (INFORMS) Fall 1996 National Meeting, Atlanta, November 3-6, 1996.
- 7.** Ives, A., Baca B., Douligeris, C., Iakovou, E., "Quantitative Pollution Risk Assessment using a GIS Based System", Third International Ocean Pollution Symposium, Ft. Pierce, FL., April 7-11, 1997.
- 8.** Iakovou, E., and C. Douligeris, "An Information Management System for Hurricane Disasters, TIEMS 1999, Delft, The Netherlands, Spring 1999.

9. Pachon, E., Iakovou, E., Ip C., "A Solution Methodology for the Tactical Fleet Planning Problem in the Car Rental Industry", Institute for Operations Research and the Management Sciences (INFORMS) Spring 2000 National Meeting, Salt Lake City, May 7-10, 2000.
10. Pachon, J., Iakovou, E., Ip C., "A Solution Methodology for the Tactical Fleet Planning Problem in the Car Rental Industry", Institute for Operations Research and the Management Sciences (INFORMS), Fall 2000 National Meeting, San Antonio, Texas, November 5-8, 2000.
11. Iakovou, E., "Improvements in Primary Care at the West Palm Beach Veteran Affairs, Medical Center", Annual Veteran Affairs Conference, West Palm Beach, FL., December 2000.
12. Iakovou, E., Morales J., and O. Ortiz, "Supply Chain Management for an International Apparel Manufacturer", Institute for Operations Research and the Management Sciences (INFORMS), Annual National Meeting, Miami Beach, FL., November 4-7, 2001.
13. Erkoc, M., Iakovou, E., Spaulding, A., "Food Logistics in Cruise-Liner Operations", Institute for Operations Research and the Management Sciences (INFORMS) - National Meeting, Atlanta, GA, October 19-22, 2003.
14. Iakovou, E., "Security in International Supply Chain Management: Risk Factors & Profitability", Council of Logistics Management (CLM) Seminar of the Americas II, 26-27 April 2004, Miami, FL.
15. Vlachos, D., Iakovou, E., Xanthopoulos, A., "A Decision Making Analytical Model for Supply Chains with Disruptions", 22nd European Conference on Operational Research (EURO XXII), Prague, Czech Republic, July 8-11, 2007.
16. Vlachos D., Iakovou, E., Keramydas, C., Spyropoulou-Vlachou, M., Varla-Lefterioti, M., Stavropoulos-Giokas, C., Anagnostopoulos, A., Hellenic Umbilical Cord Blood Bank Network, 20th Panhellenic Hematology Conference, Crete, November 4-7, 2009.
17. Keramydas C., Anagnostopoulos A., Vlachos D., Iakovou E., Spyropoulou-Vlachou M., Varla-Lefterioti M., Stavropoulos-Giokas C., Hellenic Umbilical Cord Blood Bank Network, 15th Congress of the European Hematology Association, Barcelona, June 10-13, 2010.

3b. Selected Technical Reports:

1. Iakovou, E., "Optimal Sequencing of Operations for Numerically Controlled Machines", Technical Report, Cornell University, Ithaca, New York, August 1990.
2. Iakovou E., "Batching, Loading, and Tool Allocation Problems in Flexible Manufacturing Systems", Technical Report, Cornell University, Ithaca, New York, January 1992.

3c. Columnist in Periodical Magazines:

1. Permanent Columnist and Scientific Advisor for the monthly magazine: Logistics & Management, in Greece, Jan 2005- present.

V. PROFESSIONAL

1. Funded Research Performed:

1. "Innovation Capacity Building by Strengthening Expertise and Research in the Design, Planning and Operations of Green Agrifood Supply Chains", Funded by the FP7-REGPOT program of the European Commission, October 2012 – March 2016, **Principal Investigator**.
2. Hellenic Civil Unmanned Aerial Vehicle - HCUAV, Within the Framework of the SYNERGASIA programme, General Secretariat of Research and Technology, June 2013 - 2015, **Co-Investigator**, (Scientific Coordinator Assoc. Prof. K. Yakinthos).
3. "Strategic Master Plan for Port Network Development of Municipality of Volvi", Funded by Municipality of Volvi, May 2012 – September 2012, **Principal Investigator**.
4. "Feasibility Study for initiating the Shipping Line Igoumenitsa - Toulon (France)", Funded by Igoumenitsa Port Authority S.A., February 2011 – May 2011, **Principal Investigator**.
5. "Development of the Strategic Plan for the Metropolitan Mass Transit Organization of Thessaloniki", Funded by EUROACTION AE, January 2011 – June 2011, **Principal Investigator**.
6. "Support of Research Activities of Laboratory of Statistics and Quantitative Analysis Methods", March 2010 – December 2011, **Principal Investigator**.
7. «Decision Making Models for Logistics and Supply Chain Management of Renewable Energy Sources: Application for the Case of Energetic Utilization of Biomass», Ministry of Education, Life-long Learning and Religious Affairs, Irakleitos II, 2010-2013, **Principal Investigator**.
8. "Optimal Allocation of Points of Sales for the "MACEDONIA" Press Agency", Funded by "MACEDONIA" Press Agency, 2010 – 2011, **Principal Investigator**.
9. "Crisis Management on the District of Tempi - Master Plan for the Municipalities of Anatolikos Olympos, Kato Olympos and Evrimenes", Funded by Municipalities of Anatolikos Olympos, Kato Olympos and Evrimenes, 2010 – 2011, **Principal Investigator**.

10. «Identification and Analysis of Bottlenecks for Contemporary Globalized Supply Chains», Funded by TEXPO A.E., 2009-2010, **Principal Investigator**.
11. «Feasibility Study for the Short-Shipping Connection between the Cities of Kavala and Alexandria, Egypt», Prefecture of Kavala, Drama and Xanthi, 2009, **Principal Investigator**.
12. «Design of a National Network for Stem Cell Banks in Greece», Haematological Society of Greece, October 2008 – December 2008, **Principal Investigator**.
13. «Feasibility Study for the Decentralization of Services of the Aristotle University of Thessaloniki to its Engineering School», Office of the Dean, School of Engineering, Aristotle University of Thessaloniki, September 2008 – December 2008, **Principal Investigator**.
14. "Maturation of Studies and Processes for Attracting Investors to the International Freight Village of Thesprotia, Municipality of Paramithia", Funded by IMPETUS Engineers S.A., July 2007 – July 2008, **Principal Investigator**.
15. "Information Management System for the Construction Materials at the End of their Useful Life", Funded by the Greek General Secretariat for Research and Technology, Program for Enhancing Research Workforce (PENED) – 2003, July 2005 – present, **Co-Investigator**.
16. "Optimal Use of Biomass from Olive Oils", Funded by the Greek General Secretariat for Research and Technology, Program for Enhancing Research Workforce (PENED) – 2003, July 2005 – present, **Co-Investigator**.
17. "Diffusion of Supply Chain Management Techniques", Funded by Technoekdotiki S.A., April 2005 – June 2007, **Principal Investigator**.
18. "Strategic Gastronomic Tourism Planning for the Region of Central Macedonia", March – November 2005, **Principal Investigator**.
19. "Optimal Management of Industrial Products at the End of their Useful Life", Pythagoras I, Greek Ministry of National Education and Religious Affairs, March 2004 – present, **Co-Investigator**.
20. "Impact assessment / On-Board Diagnostic (OBD) Systems for Passenger Cars", Enterprise Directorate, European Commission, December 2003 – June 2004, **Co-Investigator**.
21. "Impact assessment / Package of New Requirements Relating to the Emissions from Two and Three-Wheel Motor Vehicles", Enterprise Directorate, European Commission, December 2003 – June 2004, **Co-Investigator**.
22. "Anthony Burns Center for Advanced Supply Chain Management", Funded by Ryder Dedicated Logistics Inc., January 2001 – June 2002, **Principal Investigator**.
23. "A Systems Analysis of the Supply Chain and Reengineering of the Distribution Center for Perry Ellis International Inc." Funded by Perry Ellis International. January 1, 2001 – December 31, 2001, **Principal Investigator**.

24. "Reengineering of the University of Miami's Auxiliary Laundry Services". Funded by the University of Miami, Department of Auxiliary Services. January 15, 2001 – May 31, 2001, **Principal Investigator.**
25. "Reengineering the Primary Care Service at the West Palm Beach VA Medical Center". Funded by the Department of Veteran Affairs, West Palm Beach Medical Center. June 1, 2000 - December 31, 2000, **Principal Investigator.**
26. "A Continuous Improvement Follow-up for the Update of the Coral Gables Parking and Transportation System". Funded by the University of Miami, Parking and Transportation Services. November 15, 1999 - December 15, 2000, **Principal Investigator.**
27. "Evaluation and Optimization of the University of Miami's Shuttle Service". Funded by the University of Miami. November 15, 1997 - May 31, 1998, **Principal Investigator.**
28. "Determinants of VA and Non-VA Health Care Use among Elderly Veterans". Funded by the Department of Veterans Affairs Investigator Initiated Research Program. April 11, 1998 - March 31, 2000, **Co-Investigator.**
29. "Optimal Planning/ Scheduling of Activities of Daily Living for the Elderly". Funded by the Miami Center on Human Factors and Aging Research, August 15, 1996 - June 17 1997, **Principal Investigator.**
30. "Study of Gulf Coast Oil Spill Contingency Plans with Respect to Remediation and Restoration". Funded by the National Sea Grants Office, NOAA, July 1, 1996 - July 31 1997, **Co-Principal Investigator.**
31. "Oil Spill Management Information Systems". Funded by the National Oceanic and Atmospheric Administration's (NOAA) Coastal Ocean Program, October 1, 1995 -June 30, 1997, **Co-Principal Investigator.**
32. "Human Factors Analysis of Human Reliability in Marine Systems". Funded by the United States Department of Transportation, June 1, 1995 - December 15, 1996, **Principal Investigator.**
33. "An Adaptive Optimization Framework in Intelligent Manufacturing and Adaptive Analysis of Oil Spill Statistics". Research Council, University of Miami, May-August 1995, **Principal Investigator.**
34. "Optimization of the User Interface for Transportation Decision Support Systems". Funded by Ryder Dedicated Logistics, Inc., Dec. 15 1994-May 31, 1995, **Principal Investigator.**
35. "Risk Assessment Model Formulation". Funded by the United States Coast Guard, Sept. 30, 1994 - June 30, 1996, **Co-Principal Investigator.**
36. "Development of a National Marine Oil Transportation Model". Funded by the United States Coast Guard, May 16, 1995 - June 30, 1996, **Principal Investigator.**

37. "Development of a National Marine Oil Transportation Model". Funded by the United States Coast Guard, September 30, 1994 - May 15, 1995, **Co-Principal Investigator.**
38. "Oil Spill and Transportation Database Acquisition". Funded by the United States Coast Guard, Sept. 30, 1994 - June 30, 1996, **Co-Principal Investigator.**
39. "An Adaptive Decision Support System for Oil Spill Countermeasures". Funded by the United States Coast Guard, Sept. 30, 1994 - June 30, 1996, **Co-Principal Investigator.**
40. "Design of Prototype South Florida Oil Spill Management System". Funded by the United States Coast Guard, October 1, 1993 - April 30, 1996, **Co-Principal Investigator.**
41. "Health Related Quality of Life, Functional Status and Health Service Use Among South Florida's Elderly". Funded by the National Institute of Aging's Miami Center on Human Factors and Aging Research, February 1995 - February 1996, **Co-Principal Investigator.**
42. "A Simulation Based Approach to Group Preventive Maintenance". Research Council, University of Miami, 1993, **Principal Investigator.**
43. "Age Differences in the Performance of Computer Based Work". Funded by the National Institute on Health, National Institute on Aging, 1993 - 1995 (Project's total duration: 1993-1998), **Co-Investigator.**
44. "Building Manufacturing Strength: Initiatives in Research Curriculum and Laboratory Development, Part 11". Funded by the Society of Manufacturing Engineers, June 1993, **Co-Principal Investigator.**
45. "Decision Models for Scheduling and Tool Management in Flexible Manufacturing Systems". Research Council, University of Miami, May - August 1993, **Principal Investigator.**
46. "Building Manufacturing Strength: Initiatives in Research Curriculum and Laboratory Development, Part I". Funded by the Society of Manufacturing Engineers, June 1992, **Co-Investigator.**
47. "Batching, Loading and Tool Allocation for Flexible Manufacturing Systems". Research Council, University of Miami, May 1992, **Principal Investigator.**

2. Editorial Responsibilities:

- Global Journal of Environmental Science and Technology, Editorial Board, 2010
- International Journal of Emergency Management, Editorial Board, 2000-present
- International Journal of Logistics Systems Management, Guest Editor, 2005-2006

- Refereed papers for the following journals:

1. *European Journal of Operational Research*
2. *Operations Research Letters*
3. *Management Science*
4. *Naval Research Logistics*
5. *Journal of Intelligent Manufacturing*
6. *Computers and Operations Research*
7. *Production Planning and Control*
8. *ASME Transactions, Journal of Manufacturing and Science Engineering*
9. *Decision Support Systems*
10. *IIE Transactions*
11. *Journal of Systems Science and Systems Engineering*
12. *International Journal of Emergency Management*
13. *International Journal of Production Economics*
14. *International Journal of Production Research*
15. *Omega*
16. *International Journal of Systems Science*
17. *Transportation Research: Part E*
18. *International Journal of Logistics, Economics and Globalization.*

3. Professional and Honorary Organizations:

3a. Memberships:

- Council of Supply Chain Management Professionals (CSCMP), 2007-present.
- Institute of Industrial Engineers (IIE), 1992-present.
- IIE Greater Miami Chapter, Director (1996-1998).

- Institute for Operations Research and the Management Sciences (INFORMS), 1998-present.
- Hellenic Operational Research Society (HELORS), 1989 – present.
- Technical Chamber of Greece (TCG), 1998 – present.

3b. Positions Held:

- Alexandrian Innovation Zone S.A., President of Board of Directors, July 2010-July 2013.
- Greek Association of Supply Chain Management, President, November 2005 - present.
- Greek Association of Supply Chain Management, Vice President, December 2003 - November 2005.
- Advisory Committee of the EUREKA Pan-European Innovation Network, Member, 2005-2010.
- Advisory Committee for the 4th Planning Period 2007-2013, Region of Central Macedonia, Member, 2005-2007.
- National Representative, Program Committee of 6th and 7th Framework Programme, Thematic Priority: Sustainable Development, Global Change & Ecosystems /Sustainable Transportation, General Secretariat for Research & Technology, October 2004-2005.
- Institute of International Co-operation of Greek Scientists (IDISIEEP), World Council of Hellenes Abroad (SAE), Member of Board of Directors, 2004-2005.
- Committee of Industry, Technology Networks, Materials, and Telecommunications of the Technical Chamber of Greece, Member, 2004-2006.
- Director of Post-Graduate Studies Program, Department of Industrial Engineering, Miami University, 1999-2002.
- Invited Sessions Chair, INFORMS Miami, National Meeting, 2001
- IIE Greater Miami Chapter, Director, 1996-1998.
- Member of Planning Committee for the 1997 National Annual Meeting of the Institute of Industrial Engineers (IIE), Miami, FL., May 1997.
- Session Organizer for the Eighth Annual Conference of the Production and Operations Management Society (POMS), Miami, FL., April 1997.
- Reviewer of Proposals for Graduate Engineering Programs, European Union, Hellenic Department of Education, Athens, Greece, June 1997.

4. Honors and Awards:

- University of Miami Max Orovitz Summer Award (1995)
- University of Miami Max Orovitz Summer Award (1993)
- University of Miami General Research Support Award (1993)
- University of Miami General Research Support Award (1992)
- Graduate School Teaching Award Fellowship, Cornell University, January 1991-August 1991
- IBM Research Fellowship, May 1990-December 1990
- School of Operations Research and Industrial Engineering (S.O.R.I.E.) Teaching Assistantship Fellowship, Cornell University, 1987-1990
- Hellenic Society of Engineers Fellowship, 1983, 1984, 1985, 1986, 1987.

5. Post-Doctoral Fellowships: None

6. Other Professional Activities:

6a. Conferences:

- Session Chair, Third International Conference on Management of Technology, Miami, FL, February 17-21, 1992
- Session Chair, Fourth International Conference on Productivity and Quality Research, 1993
- Session Chair, Fourth International Conference on Management of Technology, Miami, FL, February 27-March 4, 1994
- Session Chair, Fifth International Conference on Management of Technology, Miami, FL 1995
- Session Chair, Sixth International Conference on Management of Technology, Miami, FL 1996
- Session Chair, Institute for Operations Research and the Management Sciences (INFORMS), Washington D.C., May 5-8, 1996
- Session Chair, Institute for Operations Research and the Management Sciences (INFORMS), Atlanta, November 3-6, 1996
- Session Chair, 5th International Conference of the Decision Sciences Institute (DSI), Athens, Greece, July 4-7, 1999
- 8th Panhellenic Logistics Conference 2004, "The Day After", Athens, November 26-27, Scientific Committee.
- 3rd International Workshop on Supply Chain Management & Information Systems (SCMIS), Thessaloniki, 6th-8th of July 2005, Organizing Committee and Co-Chairperson.
- 2nd International Conference on Manufacturing Engineering (ICMEN), Chalkidiki – Greece, 5th -7th of October, 2005, Scientific Committee.

- 9th Panhellenic Logistics Conference 2005, Thessaloniki, November 25-26, 2005, Chairperson of Organizing Committee.
- Innovation and Entrepreneurship Conference, Centre for Research and Technology Hellas and Great Britain Embassy, Thessaloniki, March 9-10, 2006, Organizing Committee.
- 4th International Workshop on Supply Chain Management & Information Systems (SCMIS), Taiwan, 5th-7th of July 2006, Organizing Committee and Co-Chairperson.
- 19th National Conference of the Hellenic Operational Research Society (HELORS), Arta, Greece, June 21-23, 2007, Scientific Committee.
- First International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), Skiathos Island, Greece, June 24-28, 2007, Scientific Committee.
- Global Innovation and Entrepreneurship Conference, Centre for Research and Technology Hellas and U.S. Consul General, Thessaloniki, April 18, 2008, Organizing Committee.
- 3rd International Conference on Manufacturing Engineering (ICMEN), and 7th Coatings Conference, Chalkidiki – Greece, October 1-3, 2008, Scientific Committee.
- Session Chair Organizer (“Sustainable Logistics and Supply Chain Management”), and Member of Scientific Committee, BalkanTrib 2008 Conference, Sozopol Bulgaria, June 12-14, 2008.
- President of Organizing Committee, 12th Pan-Hellenic Logistics Conference, Thessaloniki November 21-22, 2008.
- Co-organiser of the 1st Olympus International Conference on Supply Chains, October 1–2, 2010.
- President of Organizing Committee, 15th Pan-Hellenic Logistics Conference and 1st Southeast European Congress on Supply Chain Management, Thessaloniki, November 11-12, 2011.
- ODYSSEUS 2012, 5th International Workshop on Freight Transportation and Logistics, Mykonos island, Greece, May 21-25, 2012, Scientific Committee.
- 2nd International Conference on Supply Chains (ISCS) - Olympus 2012, October 5-6, 2012, Co-organization of Greek Association of Supply Chain Management, Alexander Technological Institute of Thessaloniki – Logistics Department, Laboratory of Quantitative Analysis, Logistics and Supply Chain Management, Department of Mechanical Engineering, Aristotle University of Thessaloniki, Scientific Committee.
- Conference of the Greek International Business Association (SEVE), “Export Summit, Roadmap to Growth”, Hyatt Regency Hotel, May 3-4 2012, Thessaloniki, Session Coordinator.

6b. Invited Speaker:

- Applied Operations Research Seminar, School of Operations Research and Industrial Engineering/Johnson Graduate School of Management, Cornell University, June 1992.
- Third Annual Industrial Engineering Research Conference (IERC), Philadelphia, May 1994.
- Distinguished Faculty Lecturer Series, Institute of Retired Professionals, University of Miami, March 1994.
- EUROXV-INFORMS XXXIV, Session on "Reliability and Maintenance in Production Control", Barcelona, Spain, July 14-17, 1997.
- INFORMS/CORS, Session on "Maritime Logistics", Montreal, April 26-29, 1998.
- INFORMS, Session on "Industrial Applications of Integer Programming", Philadelphia, Fall 1999.
- Marine Transportation System (MTS) Research and Development Coordination Conference, Session on "Identifying Risks and Setting Priorities", Washington, D.C., November 2-4, 1999.
- "Supply Chain Management and World Trade", The Americas after 2005. Symposium organized by the City of Coral Gables and the Florida Free Trade of the Americas, February 2004.
- 'Logistics 2004-Procurement and Transportation Networks among EU and the Countries of the Southeastern Europe-Prospects of Development for Northern Greece', 20 March 2004. Meeting/Gala in the Framework of the Exhibition for "Transport & Logistics", a Joint Venture of HELEXPO-TECHNOEKDOTIKI SA & The International Society Of Logistics - District of Thessaloniki, Thessaloniki 19-22 March 2004, HELEXPO, International Exhibition Center of Thessaloniki.
- "Risk Management in Supply Chains", at the conference titled "Business Informatics & Computer Systems: Technology-Information Management-Applications", Organized by the University of Macedonia, Thessaloniki, December 10-11, 2004.
- "Supply Chain Management: Why should it of concern to the Chief Financial Officer", Money Show, Thessaloniki, December 18-19, 2004.
- "The Role of Adoption of New Technologies in National Economy's Competitiveness", Annual Student Conference of University of Macedonia, Greece, March 22, 2005.
- "Contemporary Trends and Crisis Management under the Use of Technological Systems", SAP Business Forum, Athens, Opera House, April 5, 2005.

- "Logistics and Supply Chain Management: Education – Gaps – Challenges", Technological Educational Institute of Thessaloniki, Katerini Chapter, Department of Logistics, Katerini, June 12, 2005.
- "International Trade and Supply Chains", 9th Panhellenic Logistics Conference, Thessaloniki, November 25 – 26, 2005.
- "Value Innovation: A Strategic Roadmap for High Growth", Conference on Innovation and Entrepreneurship, The Centre for Research and Technology Hellas (CERTH), Thessaloniki, Greece, March 9-10, 2006.
- "Logistics 2006 – Intermodal Transport Networks and Port Hubs in South-East Europe", a Joint Venture of HELEXPO-TECHNOEKDOTIKI SA & The International Society Of Logistics, Thessaloniki, 20 May 2006.
- "Trade Development through Supply Chain & Logistics Management", Conference on Sustainable Development and Business in Modern European Cities, Thessaloniki Chamber of Commerce and Industry, Thessaloniki, Greece, June 11-12, 2007.
- "Global Trends and Challenges: The Impacts on Logistics and Supply Chain Management Research", 6th Doctoral Workshop, European (ELA) and German (BVL) Logistics Associations' Conference, Berlin, October 16th, 2007.
- "Supply Chain & Logistics Management and Trade Facilitation", 30th SECI (South Eastern European Cooperative Initiative), Thessaloniki Chamber of Commerce and Industry, Thessaloniki, December 5, 2007.
- Keynote Speaker for the Supply Chain Management and Information Systems (SCMIS 2008) Conference, December 8th-10th in Tamil Nadu, India.
- "Entrepreneurship, Innovation and Supply Chain Management", Development Conference, Professional Commerce of Thessaloniki, Thessaloniki September 3-4, 2009.
- 'Financial Crisis and Challenges for Global Supply Chain', Coordinator and Speaker, International Logistics Forum 2009, Metropolitan Expo, Athens, November 7, 2009.
- 'Innovation and Entrepreneurship in Global Environment', Speaker, Center Space, Technology and Gender, Engineering School, A.U.TH., November 19th, 2009.
- 'Thessaloniki find its Identity', Co-organisation of Newspapers MAKEDONIA and THESSALONKI with the support of Engineering School, A.U.TH., Hyatt Regency, February 20, 2010.
- 'Innovation, Entrepreneurship and University', Speaker, Center Space, Technology and Gender, Engineering School, A.U.TH., March 3, 2010.
- "Workshop on Port Infrastructure & Logistics", Speaker, Hellenic and Abu Dhabi Business Forum, Athens, March 18, 2010.
- "Logistics & Real Estate", Speaker, 1^o Real Estate Conference of Thessaloniki, Kassandra, Chalkidiki, April 30 – May 2, 2010.

- "Innovation and Entrepreneurship in Today's Global Environment" Speaker, 1st Innovation Festival of Thessaloniki, Co-organisation of Helexpo and The Federation of Industries of Northern Greece (FING), May 14, 2010.
- Thessaloniki Business Conference, Invited Speaker, Boussias Communications, under the auspices of The Federation of Industries of Northern Greece (FING). Thessaloniki, June 10, 2010.
- Keynote Speaker, "Sustainable Supply Chain Management: A Comprehensive Optimization Framework", 7th International Conference on Logistics & Sustainable Transport, University of Maribor, Slovenia, June 24 – 26, 2010.
- Keynote Speaker, "Innovation and Supply Chain Management in Today's Globalized Landscape", 1st Olympus International Conference on Supply Chains, October 1-2, 2010, Katerini, Greece.
- Keynote Speaker, "Innovation in Supply Chain Management in a Flattened World", Anatolia – American College of Thessaloniki (ACT), October 9, 2010, Thessaloniki.
- 'How Sustainability is Redefining the Innovation Landscape', Speaker, "Black Sea Business Forum: "The new era of green entrepreneurship", Thessaloniki, Grand Hotel Palace, November 26, 2010.
- Graduate Program "Planning, Organization and Management of Transport Systems", Department of Civil Engineering, Aristotle University of Thessaloniki, Invited speaker, «Introduction to the Contemporary Entrepreneurial Environment» & «Challenges in Logistics & Supply Chain Management», January 17, Thessaloniki.
- "Innovation, Supply Chain Management and ICT", Invited Speaker, Greek Computer Society in Northern Greece, February 25, 2011, Thessaloniki.
- "The role of an Engineer/Manager in the International Business Environment", Invited Speaker, Mechanical and Chemical Engineering Students' event, Aristotle University of Thessaloniki, April 5, 2011.
- "A New Paradigm for Innovation Entrepreneurship and Global Supply Management", Invited Speaker, International Hellenic University, September 9, 2011, Thessaloniki.
- Keynote Speaker, "A methodological framework for designing sustainable global supply chain networks", 4th International Conference on Manufacturing Engineering (ICMEN), Thessaloniki, October 3-5, 2011.
- Keynote Speaker, «Innovation and Supply Chain Management: A Catalyst for Entrepreneurial Development», 4th European Conference on ICT for Transport Logistics (ECITL '11), October 13-14, Thessaloniki, 2011.
- "Design of Sustainable Global Supply Chain Networks", Invited Speaker, Tempus Research Stakeholder Workshop, November 3, 2011, Thessaloniki.
- "Development of Thessaloniki Innovation Zone", Invited Speaker, 1^o 1st Multi-conference Innovation and Development, November 5, 2011, Thessaloniki.

- "A New Paradigm for Innovation Entrepreneurship and Global Supply Management", Invited Speaker, Entrepreneurship Workshop, University of Macedonia, November 8, 2011, Thessaloniki.
- Keynote Speaker, "The Role of Logistics in Greece and Successful SCM Strategies for the Future", 15th Panhellenic Logistics Conference & 1st Southeast European Congress on Supply Chain Management, November, 11-12, 2011, Thessaloniki.
- "International Fair, Port, Innovation Zone: Development Pillars of Thessaloniki", Invited Speaker, co-organized by Thessaloniki Chamber of Commerce and Industry, Greek-Italian Chamber of Thessaloniki, Greek International Business Association (SEVE), Hotel Hyatt Regency, November 26, Thessaloniki, 2011.
- "Development of the Alexandrian Innovation Zone of Thessaloniki", Invited Speaker, organized by Youth Entrepreneurship, March 3, 2012, Society of Macedonian Studies, Thessaloniki.
- "Hellenic Ports, Logistics Networks and Development", Invited Speaker, organized by Hellenic Institute of Transport / Centre for Research and Technology Hellas (CERTH), March 30, 2012, Thessaloniki.
- "Internationalized Supply Networks and Exports", Invited Speaker, Conference of the Greek International Business Association (SEVE), "Export Summit, Roadmap to Growth", Hyatt Regency Hotel, May 3-4 2012, Thessaloniki.
- 2nd International Conference on Supply Chains (ISCS) - Olympus 2012, Invited Speaker, Co-organization of Greek Association of Supply Chain Management, Alexander Technological Institute of Thessaloniki – Logistics Department, Laboratory of Quantitative Analysis, Logistics and Supply Chain Management, Department of Mechanical Engineering, Aristotle University of Thessaloniki, October 5-6, 2012, Thessaloniki.
- "Thessaloniki Innovation Zone: The Ecosystem of Innovative Entrepreneurship", Keynote Speaker, Workshop "Securing Growth in times of Recession", November 29, 2012, International Hellenic University.
- "Import and Export of Skills and Talents", Invited Speaker, ADRIAMOS Meeting, Angelika Pallas Hotel, Igoumenitsa, Greece, December 10, 2012.
- "Drafting a Successful bottom-up STP Strategy: The Case of Thessaloniki Innovation Zone", Workshop, December 17, 2012, Split, Croatia.
- "STPs and Innovation Zones: Global Best Practices & Lessons Learned", Workshop, December 17, 2012, Split, Croatia.
- "Global Supply Chain Networks: The Value of Information & Supply Chain Integration", Invited Lecturer, Course: Logistics and Forwarding, May 14, 2013, University of Antwerp.
- "Sustainable Global Supply Chain Networks: An Optimization-based Methodological Framework", Invited Speaker, Research Seminar,

Department of Transport and Regional Economics, May 14, 2013, University of Antwerp.

- "Greek Ports, Logistics Networks & Development", Invited Speaker, Workshop of LOSAMEDCHEM project, May 20, 2013, Thessaloniki Chamber of Commerce and Industry.
- "Education and Innovation in the 21st Century: Opening Frontiers for the Business Market", organized by the Economist, Invited Speaker, February 28th, 2013, Athens Concert Hall.
- "Thessaloniki Innovation Zone: The Ecosystem of Innovative Entrepreneurship", Invited Speaker, Meet GREECE V2.0, June 13-14, 2013, Olympion Theatre, Thessaloniki.
- "Sustainable Supply Chains", Keynote Speaker, XXXV CIOSTA & CIGR V Conference, July 3-5, Billund, Denmark.

VI. TEACHING

1. Teaching Specialization:

- Applied Operations Research, Production/Manufacturing Systems, Inventory Management, Supply Chain Management, Logistics.
- **University of Miami** – Undergraduate Subjects or Courses Taught/Developed:
 - ◆ **IEN 311:** Applied Statistics and Probability
 - ◆ **IEN 407:** Product Design
 - ◆ **IEN 465:** Production and Inventory Control
- **University of Miami** – Post-graduate Subjects or Courses Taught/Developed:
 - ◆ **IEN 502: Manufacturing Analysis and Design II**
 - ◆ **IEN 507: Computer Control in Manufacturing**
 - ◆ **IEN 645: Stochastic Processes (revised)**
 - ◆ **IEN 665: Advanced Production Systems (newly developed course)**
 - ◆ **IEN 663: Project Management Techniques**
 - ◆ **IEN 664: Supply Chain Management**
 - ◆ **MBA/MSIE 665: Production Planning and Inventory Control, (revised)**

- ◆ **MBA/MSIE 565: Design of Integrated Manufacturing Systems (revised)**
 - ◆ **IEN 617: Quality Through Design (newly developed course)**
 - ◆ **IEN 642: Linear Programming and Extensions**
 - ◆ **IEN 641: Supply Chain Management (newly developed course)**

- **University of Miami** – Courses Taught for Off-Campus Programs:
 - ◆ **IEN 502 for: United Space Alliance, Boeing, NASA**
 - ◆ **IEN 565/IEN 665 for: AT&T, McDonnell Douglas, Rockwell, Harris Corporation, Pratt & Whitney**
 - ◆ **IEN 663 for: IBM**
 - ◆ **IEN 617 (Master of Science with a Concentration in Quality Management Program), at: Miami's Knight Center, Miami, FL, McDonald's Training Center, Orlando, FL, Jacksonville, FL.**
 - ◆ **IEN 645 for: Pratt & Whitney, NASA**
 - ◆ **IEN 642 for: Pratt & Whitney, NASA**
 - ◆ **IEN 641 for: Pratt & Whitney**
 - ◆ **IEN 664 for: Pratt & Whitney, United Space Alliance, Boeing, NASA, IBM.**

- **Aristotle University of Thessaloniki** – Undergraduate Subjects or Courses Taught/Developed:
 - ◆ **SN 125: Operations Research I (2002 – present)**
 - ◆ **SN 327: Production and Inventory Control (2002 – present)**
 - ◆ **SN 365: Supply Chain Management (2003 – present)**
 - ◆ **SN 364: Simulation (2008 – present)**

- **Aristotle University of Thessaloniki** – Post-graduate Subjects or Courses Taught/Developed:
 - ◆ **SN 202: Production and Inventory Control (2002 – 2003)**

- **University of Macedonia, Thessaloniki, Greece** – Post-graduate Subjects or Courses Taught/Developed:
 - ◆ **MBA: Operations Management/Supply Chain Management (2004 – present)**

- **International Hellenic University** – Post-graduate Subjects or Courses Taught/Developed:
 - ♦ **Supply Chain Management, School of Economics & Business Administration (2012)**
 - ♦ **Operations Management, School of Economics & Business Administration (2012).**

2. Dissertation Advisor:

2a. Ph.D. Dissertations Supervised (Chairman):

- 1.** Dr. Lalit Yudhbir: "A Maritime Risk and Transportation Model for the Transport of Crude Oil and Petroleum Products", University of Miami, December 1999.
- 2.** Dr. Julian Pachon, "Strategic and Tactical Yield management for Car Rental Companies", University of Miami, April 2000.
- 3.** Dr. Edward Ron, "Pricing and Capacity Allocation in Multinational Firms with Product Substitution, Tax and Exchange Rate Externalities", University of Miami, December 2004.
- 4.** Dr. Anastasios Xanthopoulos, "Optimization of Strategic Design, Production Planning and Operation of Reverse Supply Chains", Aristotle University of Thessaloniki, January 2008.
- 5.** Dr. Dimitrios Aidonis, "Applications of Operations Research Techniques for the Optimal Design and Operations of Reverse Supply Chain Management for Construction Materials", Aristotle University of Thessaloniki, July 2009.
- 6.** Dr. Maria Chatzipanagioti, "The Effect of International Trade and Sustainability on the Strategic Design of International Supply Chains", Aristotle University of Thessaloniki, November 2010.
- 7.** Dr. Agorasti Toka, "Decision-making models for the design and management of supply chains for the energetic utilization of biomass", Aristotle University of Thessaloniki, July 2013.
- 8.** Dr. Christos Keramydas, "Quantitative Methods in Supply Chain Management of Substitute Products and Services", Aristotle University of Thessaloniki, July 2013.
- 9.** Daniel Partsch, "Risk Management for Globalized Supply Chains", Aristotle University of Thessaloniki, in progress.

- 10.** Naoum Tsolakis, "Innovation in Logistics and Supply Chain Management: An Integrated Methodological Framework", Aristotle University of Thessaloniki, in progress.
- 11.** Ioannis Siamas, "Evaluation and Strategic Design of a National Logistics System", Aristotle University of Thessaloniki, in progress.
- 12.** Konstantinos Grinias, "Strategic Design of Ports as part of International Supply Chains", Aristotle University of Thessaloniki, in progress.
- 13.** Konstantinos Tziantopoulos, "The Effect of Energy Policies on Supply Chain Management", Aristotle University of Thessaloniki, in progress.
- 14.** Loukia - Anastasia Grigoriadou, "Supply Chain Management of Agricultural and Fresh Products", Aristotle University of Thessaloniki, in progress.

2b. Ph.D. Dissertations Supervised (Member):

- 1.** James Koshy: "A Comprehensive Examination of Age Effects as Related to Workplace Accidents and Injuries at a Major Urban Health Care Facility", University of Miami, February 1996.
- 2.** Peixing Sun: "Concurrency Control in Multidatabase Systems", University of Miami, February 1996.
- 3.** Hany Fahmy: "An Integrated AI Approach for Automating Network Design, Modeling and Simulation", University of Miami, December 1996.
- 4.** Emad Hassen Abo-EI-Ela, "Fuzzy Optimization Routing in ATM Networks", University of Miami ,1999.
- 5.** Zuji Mao, "Location Management Strategies for Personal Communications Services Networks", University of Miami 2000.
- 6.** Gang Feng, "Neural Network and Algorithmic Methods for Solving Optimization Problems in Communication Networks", University of Miami, 2001.
- 7.** Ipatia Theodorakioglou, "Suppliers Relationship Management in Supply Chain Management and its Correlation with Intrafirm Quality Management", University of Macedonia, 2005.
- 8.** George Nenes, "Comparative Study of Special Statistic and Dynamic Control Production Processes Charts", Aristotle University of Thessaloniki, 2006.
- 9.** Sofia Panagiotidou, "Joint Optimization Planning of Statistic Quality Control and Preventive Maintenance", Aristotle University of Thessaloniki, 2006.
- 10.** Aristidis Matopoulos, "Development of a Conceptual Framework for the Visibility of the Agricultural Product", University of Macedonia, 2007.

- 11.** Christos Zikopoulos, "Quantitative Analysis for Production and Distribution of Reverse Supply Chains", Aristotle University of Thessaloniki, June 2007.
- 12.** Paraskevi Kapetanopoulou, "Reverse Logistics in Greek Industry", Aristotle University of Thessaloniki, July 2009.
- 13.** Dimitrios Tsitsamis, "Optimization of Port Container Terminals", University of Piraeus, July 2009.
- 14.** Maria Besiou, "Optimization of Green Supply Chains", Aristotle University of Thessaloniki, July 2009.
- 15.** Ioannis Mallidis, "Optimization of Green Supply Chains"; Aristotle University of Thessaloniki, June 2013.
- 16.** Konstantinos Papanayiotou, "A Holistic Methodological Framework for Supply Chain Risk Management", Aristotle University of Thessaloniki, in progress.
- 17.** Giannakou Maria, "Risk Management and Supply Chain Management", Department of Mechanical Engineering, University of Thessaly, in progress.

2c. Research Associate Supervisor:

- 1.** Dr. Huan Li, 1995-1996.

VII. SERVICE

1. University Committee and Administrative Responsibilities:

- The Aristotle University Property Development and Management Company, Member of Board of Directors (2003 – 2007).
- Committee of Strategic Planning, Department of Mechanical Engineering, Aristotle University of Thessaloniki (2003 – 2007).
- Committee of Funding for Student Support, Aristotle University of Thessaloniki (2004 – present).
- Committee of Students' Transfers, Department of Mechanical Engineering, Aristotle University of Thessaloniki (2004 – present).
- Director, Division of Industrial Management, Department of Mechanical Engineering, Aristotle University of Thessaloniki (2007 – 2013).