

Curriculum Vitae

Christos Zikopoulos,
Assistant Professor
School of Economics A.U. Th.

PERSONAL DETAILS

Name and surname	Christos Zikopoulos
e-mail address	cziko@auth.gr
Telephone	+30 2310996422

EDUCATION

- PhD, Department of Industrial Management, School of Mechanical Engineering, Aristotle University of Thessaloniki.
PhD thesis title: “Quantitative Analysis of Production and Distribution Systems in Reverse Supply Chains”.
- MSc in Management of Production Systems, School of Mechanical Engineering, Aristotle University of Thessaloniki.
MSc thesis title: “Automatic Process Control, Principals and Application in TITAN Cement Company”
- Diploma (5-year degree), School of Mechanical Engineering, Aristotle University of Thessaloniki.
Diploma thesis title: “Acceptance Sampling for Packaging Materials in MEVGAL Dairy Industry”

ACADEMIC POSITIONS

- Assistant Professor in “Stochastic Analysis and Optimization in Logistics, Services and Production Management”, Department of Business Administration, School of Economics, Aristotle University of Thessaloniki.
- Research Associate, Department of Industrial Management, School of Mechanical Engineering, Aristotle University of Thessaloniki.
- Postdoctoral Researcher, INSEAD Business School, Fontainebleau, France.
- Visiting Lecturer in
 - Department of Marketing and Operations Management, University of Macedonia
 - School of Mechanical Engineering, University of Western Macedonia
 - School of Economics, Aristotle University of Thessaloniki
 - Department of Supply Chain Management, Greek International University
 - School of Sciences and Technology, Greek Open University
 - School of Social Sciences, Greek Open University

- School of Mechanical Engineering, Aristotle University of Thessaloniki

TEACHING

IN ENGLISH

- Department of Business Administration, School of Economics, Aristotle University of Thessaloniki, Introduction to Logistics and Supply Chain Management, Quality Management and Statistical Quality Control.
- MSc in Logistics and Supply Chain Management, School of Economics, Aristotle University of Thessaloniki, Inventory Management, Special Topics on Logistics & Services Management – Simulation, Operations Management in Services.

IN GREEK

- School of Mechanical Engineering, Aristotle University of Thessaloniki (Teaching Assistant) Simulation, Statistical Quality Control, Inventory Management, Supply Chain Management.
- School of Mechanical Engineering, Aristotle University of Thessaloniki (Visiting Professor) Quality Management.
- Department of Supply Chain Management, Greek International University (Visiting Lecturer) Inventory Management, Quality Management.
- Department of Business Administration, School of Economics, Aristotle University of Thessaloniki (Visiting Lecturer and Faculty Member) Introduction to Logistics and Supply Chain Management, Quality Management and Statistical Quality Control, Simulation, Production Management.
- School of Mechanical Engineering, University of Western Macedonia (Visiting Lecturer) Industrial Management.
- Department of Marketing and Operations Management, University of Macedonia (Visiting Lecturer) Simulation Techniques for Managers.
- Administration of Public Organizations, School of Social Sciences, Greek Open University (Visiting Lecturer) Quantitative Methods.
- MSc in Logistics Management, School of Economics, Aristotle University of Thessaloniki, Inventory Management, Value Chain Management, Special Topics on Logistics and Services Management, Logistics and Supply Chain Management.
- MSc in Quality Management and Technology, School of Sciences and Technology, Greek Open University (Visiting Lecturer) Advanced topics and methods for Quality Management.

- MSc in Complex Systems and Networks, Aristotle University of Thessaloniki, Socio-Economic Networks.
- MSc in Management and Information Systems, Operations Management, Aristotle University of Thessaloniki.

PARTICIPATION IN PHD AND MASTER THESES ADVISORY COMMITTEES

1. PhD Theses

Supervisor and member of the supervising committee of PhD theses in the School of Economics.

2. MSc Theses

Supervisor of more than 50 student theses with topics in the fields of 'Inventory Management', 'Simulation of Logistics Systems', 'Production Planning', 'Performance Evaluation of Warehouse Systems', 'Demand Forecasting', 'Reverse Supply Chains', 'Analysis of Investment in Logistics Infrastructures', "Supply Chain Networks", 'Analysis of Statistical Process Control Scheme', 'Design and Analysis of Experiments', 'Implementation of Taguchi Techniques in Experiments' as part of the studies in MSc in Logistics Management at Department of Economics, Aristotle University of Thessaloniki and in MSc in Quality Management and Technology, Greek Open University.

3. Undergraduate theses

Supervisor of undergraduate theses on 'Forecasting', 'Inventory Management' and 'Applications of Statistical Quality Control' as part of the studies in Department of Supply Chain Management, Greek International University.

Most of the aforementioned MSc and Graduate theses concern real-life applications in organizations or enterprises, as for example:

- Katerini General Hospital, Veria Municipal Company for Water Supply, International Trade Fair of Thessaloniki, Port Authority of Thessaloniki, Papageorgiou General Hospital.
- Erilicon Wire and Welding Products, Fibran Insulation Materials, Starbucks Coffee Shops, Mparmpa-Stathis food industry, Association of Pieria Pharmacists, TRIKKH Dairy Industry, Stamion.

PUBLICATIONS IN INTERNATIONAL SCIENTIFIC JOURNALS (INDICATIVE LIST)

- Zikopoulos, C. and Tagaras, G., 2015. Reverse supply chains: Effects of collection network and returns classification on profitability. *European Journal of Operational Research*, 246 (2), 435-449
- Panagiotidou, S., Nenes, G. and C. Zikopoulos, 2011. Optimal procurement and sampling decisions under stochastic yield of returns in reverse supply chains. *OR Spectrum*, 35 (1), 1-32
- Van Wassenhove, L.N. and C. Zikopoulos, 2010. On the effect of quality overestimation in remanufacturing. *International Journal of Production Research*, 48 (18), 5263-5280
- Tagaras, G. and C. Zikopoulos, 2008. Optimal location and value of timely sorting of used items in a remanufacturing supply chain with multiple collection sites. *International Journal of Production Economics*, 115, 424-432

PARTICIPATION IN INTERNATIONAL CONFERENCES (INDICATIVE LIST)

- Configuration of Humanitarian Networks Subject to Post-Disaster Attacks. 30th European Conference on «*Operational Research - EURO K*», Dublin, Ireland, June 23-26, 2019.
- Improving Inventory Management Efficiency through Advanced Demand Analysis: A Simulation Case Study. International Conference on «*Scientific Cooperation for the Future in Economics and Administrative Sciences*», Thessaloniki, Greece, 6th-8th September, 134-141, 2017.
- Configuration and analysis of ordering policies in the fashion industry. International Conference on «*Business and Economics*», Athens, Greece, April 21-22, 2017.
- Recovery planning with stochastic lot-processing times. 7th IFAC Conference on «*Manufacturing Modelling, Management and Control*», Saint Petersburg, Russia, June 19-21, 2013.
- Optimal location and value of timely sorting of used items in a remanufacturing supply chain with multiple collection sites. International Workshop on «*Institutional View of Supply Chain Management*», Tokyo, Japan, November 16-18, 290-315, 2006.

ORGANIZER / TRAINER IN EXECUTIVE SEMINARS

- Total Quality Management for middle management employees of National Hellenic Post Agency (ELTA), on-line training, June 2015.

- Hospital Inventories Management for Greek Army Employees, Thessaloniki, May 14-15, 2015.
- Playground security and equipment quality assurance for Municipality Employees and Engineers, Thessaloniki, February 5-6, 2015 and March 26-27, 2015. (organizer)
- Hospital Inventories Management for Greek Army Employees, Thessaloniki, April 8-10, 2014.
- Opportunities and Benefits from East Macedonia and Thrace Port Development for the members of the Commercial Chambers of Xanthi, Xanthi - Greece, July 5-6, 2013.
- Logistics and Inventory Management for Professionals of Health, Thessaloniki, April 28, 2012.
- Inventory Management in Hospitals for Professionals of Health, Thessaloniki, February 19, 2011.
- Statistical Quality Control in Manufacturing, Cyprus Certification Company, Nicosia – Cyprus, February 24-25, 2010.
- Applications of Statistical Quality Control in Industry, Cyprus Certification Company, Nicosia – Cyprus, November 16-17, 2009.
- Inventory Management for professionals, Greek Chamber of Business Management, Thessaloniki, November 4-5, 2009.
- Quantitative methods in Inventory Management for professionals, Katerini - Greece, March 15, 2006.

RESEARCH PROJECTS (INDICATIVE LIST)

- Education on European standards on playground safety, Municipalities of Thessaloniki Prefecture.
- Sample Inspection Configuration for the EMAS auditing procedure of the extended Piraeus bank network, Cyprus Certification Company.
- MIDAS: Development of a purchasing framework, National Strategic Reference Framework.
- Analysis of logistics and production systems, Thalys Project.
- Inventory management, RODA S.A.
- Combining quality assurance, with preventive maintenance and reverse supply chains management, Pythagoras II, Ministry of Education.
- Development of a Statistical Quality Control System in MEVGAL Dairy Industry, GSRI Project.

OTHER ACTIVITIES

- Referee of scientific manuscripts submitted for publication in international scientific journals:
 - *Annals of Operations Research*
 - *Computers and Industrial Engineer*
 - *Computers and Operations Research*
 - *Decision Sciences*
 - *European Journal of Operational Research*
 - *Flexible Services and Manufacturing Journal*
 - *Information Sciences*
 - *International Journal of Production Economics*
 - *International Journal of Production Research*
 - *Omega*
 - *Operational Research: An International Journal*
 - *Production and Operations Management*

SCHOLARSHIPS - DISTINCTIONS

- The publication entitled 'On the attractiveness of sorting before disassembly in remanufacturing' ranked in the top-ten of papers with the most citations among papers published in *IIE Transactions* for 2007-2009.
- Greek State Scholarship as a PhD student.
- Honors for excellent performance as a MSc student (MSc in Production Systems Management):
 1. Research Council of Aristotle University of Thessaloniki for excellent performance during the 1st semester.
 2. Research Council of Aristotle University of Thessaloniki for excellent performance during the 2nd semester.
 3. Greek State Scholarship for graduating with the highest grade the MSc program in Production Systems Management.
- Graduation in the top 10% of my class at the School of Mechanical Engineering.