

CURRICULUM VITAE

Yiannis Nikolaidis

PERSONAL DATA

First name : Yiannis
Last name : Nikolaidis
Father's name : Athanassios
Mother's name : Sofia
Marital status : Married with three children
Work address : University of Macedonia
Department of Applied Informatics
Egnatia 156
54636, Thessaloniki
Telephone number : +30 2310 891809
Mobile phone number : +30 6977 389267
Email addresses : nikolai@uom.gr, nikolai@uom.edu.gr, nikolai@auth.gr,
inikolaidis@uowm.gr, nikolai@egnatia.ee.auth.gr and
aloulikas@gmail.com

1. Education

2001: PhD from the Department of Mechanical Engineering, Polytechnic School, Aristotle University of Thessaloniki

PhD Thesis: "Economic Design and Comparative Analysis of One - Sided Adaptive \bar{X} Control Charts"

1992: Bachelor (five-year) in Mechanical Engineering, Polytechnic School of Aristotle University of Thessaloniki

Bachelor Thesis: "Methodology for the Economic Evaluation of Investments Concerning the Automatisations of Irrigative Canals"

- Secondary education:

1981 - 1987: Greek-French College De La Salle

- Languages: English (Cambridge First Certificate – extensive use of English for long, in my research activities) and French (Sorbonne I)

2. Personal training

1999: 44-hour seminar of TUV HELLAS S.A, entitled "Auditors of quality assurance systems ISO 9000 - Auditor / Lead Auditor Course" (IRCA Approved).

1994: 65-hour seminar of Aristotle University of Thessaloniki entitled "Total Quality Management".

1993: 300-hour seminar entitled "Programming in Pascal and C, and learning the database management program Dbase" (July - August).

1993: 120-hour seminar entitled "Sales and exportation promotion in small-medium enterprises" (February - March).

3. Qualifications

- External expert for KA2 for EPOS (the National Agency of the Dutch speaking part of Belgium), till the end of the Erasmus+ program in 2020.
- Member of the database of eligible candidates of the European Personnel Selection Office (EPSO), for recruitment in research centers of EU, as a result of CVs' evaluation and participation in written competency tests for EPSO/CAST/S/5/2013 - Quantitative Sciences, since September 2013.
- Member of the experts' register of Thessaloniki's Integrated Transport Authority (THITA), since March 2013.

- Member of the Register of Instructors for the continuous professional instruction, of the National Accreditation Centre for Continuing Vocational Training, since April 2002.
- Member of the Evaluators' Register of Actions for the Operational Program "Competitiveness" 2000 - 2006.
- Quality Systems Auditor, since November 1999.

4. Awards and Distinctions

- 2004: Postdoctoral scholarship from the Greek State Scholarships Foundation (I.K.Y.) - research area: "Quantitative Models for the Optimization of Remanufacturing Used Cell Phones".
- 1991 - 1992: Congratulatory letter and award for outstanding academic performance from Technical Chamber of Greece.
- 1987 - 1988, 1989 - 1990 and 1990 - 1991: Distinctions and awards for outstanding academic performance at the graduate level (Department of Mechanical Engineering, Polytechnic School, Aristotle University of Thessaloniki), from I.K.Y. (Greek State Scholarships Foundation).

5. Professional activities

5.1 Academic

- April 2015 till today: **Associate Professor** in the research area of "**Methodologies and Technologies of Production Management**", **Department of Applied Informatics, University of Macedonia**, Thessaloniki, Greece. Taught Modules:
 - "Quality Assurance and Quality Control Techniques",
 - "Statistics and Probabilities",
 - "Production and Operations Management",
 - "Special Chapters of Applied Statistics and Quality Control".
- February 2015 till today: instructor of the Postgraduate Program "Applied Informatics", **Department of Applied Informatics, University of Macedonia**, Thessaloniki, Greece. Taught Modules:
 - "*Simulation* and Quality Control of Processes".
- September 2007 till today: Part time Academic Staff of DIP 50 – "**Basic Tools and Methods for Quality Control**" in the Postgraduate Program of "**Quality Management and Technology**", School of Science and Technology, **Hellenic Open University**, Patra, Greece.
- May 2009 – April 2015: Assistant Professor in the research area of "**Technologies of Production Management**", **Department of Applied Informatics, University of Macedonia**, Thessaloniki, Greece.

- August 2013 – December 2013: Visiting researcher in Concordia University of Montreal, Canada. Joint research with Professor Mingyuan Chen of Mechanical and Industrial Engineering Department.
- September 2007 – May 2009: Lecturer in the research area of "Statistical Quality Control", Department of Engineering & Management of Energy Resources, University of Western Macedonia, Kozani, Greece.
- February 2005 - July 2008: Teaching according to Decree-Law no. 407/80 in the Department of Technology Management, University of Macedonia, Greece.
- February 2002 - September 2007: Teaching according to Decree-Law no. 407/80 in the Department of Engineering & Management of Energy Resources, University of Western Macedonia, Greece.
- September 2004 - July 2005: Teaching under contract in the Departments of Nursing/Early Childhood Care and Education, School of Health and Medical care, TEI of Thessaloniki, Greece.
- October - November 2003: Postdoctoral researcher at the Penn State University, Pennsylvania U.S.A., in the research area of Closed - Loop Supply Chains.
- November 1992 – February 2002: Research and Teaching Assistant, Department of Mechanical Engineering, Polytechnic School, Aristotle University of Thessaloniki, Greece.
- July - September 2002 and July - August 2003: Postdoctoral researcher at the University of INSEAD, France, in the research area of Supply Chain Management and particularly in Closed - Loop Supply Chains.
- October 1999 - August 2002: Assistant of the Master's Degree Program "Management of Production Systems" of the Department of Mechanical Engineering, Polytechnic School, Aristotle University of Thessaloniki, Greece.

5.2 Non-academic

- March 2013 – June 2013: member of the team of experts which evaluated the software of the Quality Assurance unit of TEI of Serres.
- Academic year 2012-2013: as a member of the Greek State Scholarships Foundation (I.K.Y.) I reviewed 12 student applications for graduate programs.
- 13-16 July 2006: Evaluator of proposals submitted for the program "Certify", regarding the certification of companies according to the ISO 9001:2000, HACCP and ISO 14001 standard - 6th Cycle.
- 10-11 June 2004: Evaluator of proposals submitted for the program "Certify", regarding the certification of companies according to the ISO 9001:2000, HACCP and ISO 14001 standard - 4th

Cycle.

- February 2003 - February 2004: Quality Assurance Consultant at the Municipal Organization of Social Welfare and Health (DOKPY) in Nea Ionia, Magnisia, Greece.
- November 2001 - July 2002: Consultant at the company FIRGOTEC L.L.C. - grids and refrigeration stuff.
- 19-20 April 2002: Evaluator of proposals submitted for the program “Certify”, regarding the certification of companies according to the ISO 9001:2000 standard - 1st Cycle.
- December 1999 - February 2002: Quality Assurance Manager at the company CRYSTAL S.A. - professional refrigerators.
- March 2000 - December 2000: Auditor of Quality Assurance Standards for TUV HELLAS S.A.
- July 1999 - June 2000: Quality Assurance Consultant at the company METALLON Technologies S.A. - metal constructions.
- October 1999 - December 1999: Responsible for the statistical analysis of data, for the basketball team "Hercules - (Iraklis)" of Thessaloniki.
- September 1998 - June 1999: Part-time Manager of K. Vamvalis & G. Efremidis S.A. - software on maintenance of equipment, management of spare parts, organization of production and statistical process control.
- January 1997 - December 1998: Consultant in businesses aiming at acquiring the CE mark (European health & safety product label).
- September 1995 - October 1996: Quality Assurance Consultant at the company CRYSTAL S.A. - professional refrigerators.

6. Teaching experience

6.1 *Autonomous teaching in Universities*

6.1.1 Undergraduate level

- Department of **Technology Management**, University of **Macedonia** - Taught Modules:

- “Business Economics and Decision Making”, academic years 2004-2005 and 2005-2006.
- “Entrepreneurship and Technological Innovations”, academic year 2009-2010.
- “Financing Technological Investments”, academic years 2006-2007 and 2007-2008.
- “Statistics and Probabilities”, academic years 2005-2006 and 2006-2007.

- Department of **Engineering & Management of Energy Resources**, University of **Western Macedonia** - Taught Modules:

- “Analysis and Evaluation of Investments”, academic years 2002-2003 and 2003-2004.

- “Business Economics”, academic years 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008 and 2008-2009.
 - “Quality Control”, academic years 2002-2003, 2005-2006, 2006-2007, 2007-2008 and 2008-2009.
 - “Simulation and System Dynamics”, academic years 2005-2006, 2006-2007, 2007-2008 and 2008-2009.
 - “Statistics”, academic years 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007 and 2007-2008.
- Department of **Chemical Engineering**, Polytechnic School, **Aristotle University of Thessaloniki** - Taught Module:
- “Business Administration”, academic year 2005-2006.
- Department of **Mechanical Engineering**, Polytechnic School, **Aristotle University of Thessaloniki** – responsible for the module:
- “Business Environment”, academic years 2003-2004 and 2004-2005.
- Department of **Primary Education, Early childhood education Department** and Department of **Balkan Studies**, University of **Western Macedonia** - Taught Module:
- “Business Environment”, academic year 2005-2006.

6.1.2 Postgraduate level

- Schools of **Informatics and Economic Sciences, Aristotle University of Thessaloniki** - Postgraduate Program: “**Informatics and Management**” - Taught Module:
- “Business Operations Management”, academic year 2016-2017.
- Department of **Applied Informatics, University of Macedonia** - Postgraduate Program: “**Applied Informatics**” - Taught Module:
- “Simulation and Quality Control of Processes”, academic years 2014-2015, 2015-2016 and 2016-2017.
- Department of **Logistics, TEI of Central Macedonia** - Postgraduate Program: “**Logistics**” - Taught Modules:
- “Simulation of Processes”, academic years 2015-2016, 2016-2017.
 - “Reverse Logistics”, academic years 2015-2016, 2016-2017.
- Department of **Mechanical Engineering**, Polytechnic School, **Aristotle University of Thessaloniki** - Postgraduate Program: “**Management of Production Systems**” - Taught Module:
- “Statistics and Stochastic Processes”, academic year 2001-2002.
- Departments of **Informatics and Economic Sciences, Aristotle University of Thessaloniki** -

Postgraduate Program: **“Informatics and Management”** - Taught Module:

- *“Operations Management”*, academic year 2016-2017.

6.2 Autonomous teaching in TEI (Technological Educational Institutes)

- Department of **Nursing**, School of Health and Medical care, **TEI of Thessaloniki** - teaching under contract:

- *“Biostatistics”*, academic year 2004-2005 (twice, during fall and spring semester).

- Department of **Early Childhood Care and Education**, School of Health and Medical care, **TEI of Thessaloniki** - teaching under contract:

- *“Statistics”*, academic year 2004-2005 (twice, during fall and spring semester).

6.3 PhD Supervisor

- February 2015 till today: George Efthymiadis, *“Application of SQC techniques in service-providing sectors such as road traffic management”*.
- February 2015 till today: Sofia Sivena, *“Application of SQC techniques at the assessment of education”*.

6.4 Member of PhD Theses’ evaluation committee

- Alexandra Politou, *“Theory of constraints-based production planning and control: a system dynamics analysis”*, Department of Mechanical Engineers, Aristotle University of Thessaloniki, July 2015.
- Athanassiou Efstratios, *“Capacity planning in reverse logistics networks: a system dynamics approach”*, Department of Mechanical Engineers, Aristotle University of Thessaloniki, July 2010.
- Samara Elpida, *“National Innovation Systems, an innovation model using System Dynamics”*, Department of Engineering & Management of Energy Resources, University of Western Macedonia, December 2009.
- Kapetanopoulou Paraskevi, *“The operation and management of product recovery activities in the Greek industry”*, Department of Mechanical Engineers, Aristotle University of Thessaloniki, July 2009.
- Chatzimouratidis Athanassios, *“Decision support systems for power plants”*, Department of Engineering & Management of Energy Resources, University of Western Macedonia, September 2007.

6.5 *Teaching assistance in universities*

While being a PhD student I was a teaching assistant at the following modules:

- **Techniques of Production Management** - part I (academic years 1994-1995, 1995-1996, 1996-1997 and 1997-1998), compulsory module of the 5th semester in the Departments of Mechanical Engineering, Electrical Engineering and Chemical Engineering, Polytechnic School, Aristotle University of Thessaloniki.
- **Operations Research** - part I (academic years 1999-2000, 2000-2001 and 2001-2002), compulsory module of the 5th semester in the Departments of Mechanical Engineering, Electrical Engineering and Chemical Engineering, Polytechnic School, Aristotle University of Thessaloniki.
- **Statistical Quality Control** (academic years 1993-1994, 1994-1995, 1995-1996, 1996-1997, 1997-1998, 1999-2000 and 2000-2001), elective module offered by the Industrial Management Division of the 8th semester in the Department of Mechanical Engineering, Polytechnic School, Aristotle University of Thessaloniki.

6.6 *Supervisor of Bachelor Theses*

Since the academic year 2008-2009 I have been the supervisor of **24** bachelor theses which have been written by graduate students of the Postgraduate Program of “Quality Management and Technology”, School of Science and Technology, Hellenic Open University. The titles of those theses were the following:

1. Quality management in secondary education and looking for practices in order to improve it
2. A guide for developing an Information Security Management System, according to ISO 27001:2013 standard - a general approach based on an actual implemented system
3. Measuring customers’ satisfaction in a sports company through statistical analysis of data collected with questionnaires
4. Interaction and integration of quality standards
5. Assessment of the real situation in Greek elementary school canteens using questionnaires and analyzing statistically the collected information from parents and teachers
6. Identification of assignable causes and imperfect operation of machines in an industrial environment, exploiting Statistical Quality Control techniques
7. Information systems that are used in Quality Management and Statistical Quality Control
8. Implementation of statistical quality control techniques in an industry of electronic and electrical equipment
9. Assessment of the effects of Thessaloniki Subway’s Construction to the operation of buses lanes

of Organism of Urban Transport of Thessaloniki (OASTH) through implementation of Advanced Statistical Techniques and Statistical Process Control

10. Food Safety Management System ISO 22000: development and implementation of the prerequisites - defined in ISO 22000 - in basic categories of food companies.
11. The cost of quality in the Greek Vehicle Industry (ELVO)
12. Study of water quality parameters of Strymon and Evros rivers, using statistical analysis methods.
13. Development and implementation of a Quality Management System in the Prefecture of Imathia (Department of Programming), according to the ELOT EN ISO 9001:2008 standard.
14. Literature review of Greek companies providing services that have developed and applied a Quality Management System
15. Establishment of a Quality System based on the ISO 9001:2008 quality standard, intended to be implemented in the Recoverable Station (STEP) of Mytilini, so as the health services offered to the military personnel to be improved.
16. Integrated management in onion cultivation.
17. Applying the requirements of the quality standard ISO 17020 Private Vehicle Technical Control Centre for light vehicles
18. Audit, evaluation and update of the Quality Management System in the hotel Vermion of Naoussa – Prefecture of Imathia (from the ISO 9001:2000 standard to the ISO 9001:2008 standard).
19. Statistical quality control techniques in specific processes of Olympic Brewery.
20. Specifications and security requirements in playgrounds.
21. Design, development and implementation of a safety management system based on the requirements of the ISO 22000:2005 standard in a frozen yogurt company.
22. Total Quality Management in the sector of Logistics of the Greek Army - Application in the food supply chain.
23. Evaluating the performance of employees in the Greek Ministry of Finance, using SQC indexes and methods.
24. Road traffic safety management system - ISO 39001

Since the academic year 1992-1993 (till 2001-2002), I was the supervisor of **12** bachelor theses written by undergraduate students of the Department of Mechanical Engineering, Polytechnic School, Aristotle University of Thessaloniki. These theses elaborated the following subjects of Industrial Management:

- Development of Quality Assurance Systems.
- Application of Statistical Quality Control in processes.

- Inventory planning and control.
- Equipment maintenance.

Since the academic year 2004-2005 (till 2006-2007), I was the supervisor of **3** bachelor theses written by undergraduate students of the Department of Engineering & Management of Energy Resources, University of Western Macedonia. The titles of those theses are the following:

- Economic evaluation of energy saving measures in buildings.
- The development of Quality Management Systems into organizations providing services: the case of DOKPY, N. Ionia - Magnesia - Greece.
- Performance and quality of public services: evaluation by using indexes, multi-criteria analysis and statistical quality control techniques.

6.7 Supervisor of Scholastic Theses

Since the academic year 2011-2012 I have been the supervisor of **3** theses written by undergraduate students of the Department of Applied Informatics, University of Macedonia. The titles of those theses were the following:

- Economically optimum acceptance sampling plans depending on how a rejected lot is handled
- Implementation of the ISO 22000:2005 standard in a food company – the case of a modern Greek company manufacturing traditional food products.
- Customer satisfaction as a quality characteristic. Case study in the startup company AtYourService.

Since the academic year 2002-2003 (till 2006-2007), I was the supervisor of **9** scholastic theses written by undergraduate students of the Department of Engineering & Management of Energy Resources, University of Western Macedonia. The titles of those theses were the following:

- Development of an optimization model of the statistical quality control and the preventive maintenance of a production process.
- Using statistical indicators for the evaluation of stocks and/or branches of the stock market.
- Business parameters and characteristics.
- Reverse logistics: the case of cell phones.
- Market forms and structure.
- Inflation – Consumer Price Index.
- Innovation penetration into a region with specific features: the case of Crete, Greece.
- Economic evaluation of the Acceptance Sampling schemes.
- Acceptance sampling software.

6.8 Lectures in seminars

Since 1995 I have given lectures in numerous seminars, mainly for executives and engineers, mostly on Quality Management and Quality Assurances. In particular:

- Scientific responsible and Instructor of a summer school entitled “My first step on the path of entrepreneurship - Developing creative and technical skills” for students between 14 and 18 years old.
 - 26/6 till 30/6/2017, Thessaloniki. Hours: 20.
 - 31/8 till 3/9/2016, Thessaloniki. Hours: 20.
- Instructor at an educational program for the executives of ELTA (Hellenic Post) - last and upper training cycle - through teleconference on the topic "Business Informatics", 30/9 - 9/10 and 16/10/2014, Thessaloniki. Hours: 8.
- Exclusive instructor in seminar “Statistical Process Control” of the Vocational Training Center (VTC) “I.V.E.P.E.”, 11-13/12/2006. Hours: 24.
- Seminar “Standardization and Quality Control Methods and Tools for Manufacturing Industries” of VTC “Delta” Thessaloniki, September 2004. Topics: *Definitions of Quality – Cost of Quality – Basic Principles of Statistical Methods – Acceptance Sampling - Statistical Process Control*. Hours: 12.
- Exclusive instructor in seminar “Statistical Quality Control - 3rd part: Applications in PC with Microsoft Excel” of Forum Training Ltd:
 - 15-16/12/2004, Thessaloniki. Hours: 12.
 - 11-12/12/2004, Athens. Hours: 12.
 - 22-23/6/2004, Athens. Hours: 12.
- Seminar “Training regarding Environmental Protection and Management” of VTC “Gaia” Kilkis, June 2004. Topic: *Reverse Logistics*. Hours: 10.
- Exclusive instructor in seminar “Statistical Quality Control - 2nd part: Statistical Process Control (SPC)” of Forum Training Ltd:
 - 20-21/11/2004, Athens. Hours: 12.
 - 10-11/11/2004, Thessaloniki. Hours: 12.
 - 8-9/5/2004, Thessaloniki. Hours: 12.
 - 27-28/4/2004, Athens. Hours: 12.
- Exclusive instructor in seminar “Statistical Quality Control - 1st part: Quality Control of raw materials & final products” of Forum Training Ltd:
 - 23-24/10/2004, Athens. Hours: 12.
 - 14-15/10/2004, Thessaloniki. Hours: 12.

- 19-20/2/2004, Athens. Hours: 12.
- 14-15/2/2004, Thessaloniki. Hours: 12.
- 17-18/12/2003, Athens. Hours: 12.
- Exclusive instructor in seminar “*Statistical Quality Control Techniques: Quality Control of Raw Materials, Process (SPC), Final Products*” of Forum Training Ltd, 27-28/9/2003, Thessaloniki. Hours: 12.
- Exclusive instructor in seminar “*Statistical Process Control*” of Forum Training Ltd, 28-29/4/2001, Thessaloniki. Hours: 16.
- Seminar “*Total Quality Management / Quality Assurance / Quality Control*” of VTC “*Evropliroforisi*” Volos, September - October 2000. Topics: *Definitions of Quality – Cost of Quality – Basic Principles of Quality Assurance Systems – Requirements of ISO 9001 Standard - Case Studies*. Hours: 20.
- Seminar “*Total Quality Management / Quality Assurance / Quality Control*” of VTC “*Evropliroforisi*” Katerini, September - October 2000. Topics: *Definitions of Quality – Cost of Quality – Basic Principles of Quality Assurance Systems – Requirements of ISO 9001 Standard - Case Studies*. Hours: 40.
- Seminar “*Total Quality Management*” of VTC “*I.V.E.P.E.*”, May 2000. Topics: *Quality Improvement through Experimental Design – Taguchi Methods. - Statistical Process Control*. Hours: 12.
- Seminar “*Total Quality Management*” of VTC “*Evropliroforisi*” Larissa, March - April 2000. Topics: *Definitions of Quality – Cost of Quality – Basic Principles of Statistical Methods – Acceptance Sampling – Statistical Process Control - Basic Principles of Quality Systems*. Hours: 30.
- Seminar “*Auditors of the Quality Assurance Standard ISO 9000 - Auditor / Lead Auditor Course (IRCA Approved)*” of TUV HELLAS, March 2000.
- Seminar “*Product Certification – Quality Control*” of the Technical Chamber of Central Macedonia, February 2000. Topics: *Quality Improvement through Experimental Design – Taguchi Methods*. Hours: 5.
- Seminar “*Product Certification – Quality Control*” of VTC “*Epimorfotiki L.L.C.*”, June 1999. Topics: *Introduction to Quality Control – Standardization – Production Planning Control – Quality Control Tools – SPC – Pareto Analysis – Quality Circles*. Hours: 18.
- Business Seminar “*Quality Assurance Auditors*” of Vitruvit S.A., May 1999. Topics: *Sampling – Introduction to Statistical Quality Control – Cost of Quality*. Hours: 16.
- Business Seminar “*Production Control and Planning*” of Vitruvit S.A., May 1999. Topics: *Reasons for Deviation – Operations’ Control – Control Procedures and Process Control*. Hours: 16.
- Seminar “*Quality Management – Total Quality - ISO - HACCP – EMAS*” of VTC “*Anatoliki*”, April -

May 1999. Topics: *Quality Control of raw materials and final products – Statistical Process Control*. Hours: 8.

- Seminar “Quality Topics” of VTC “Epimorfotiki L.L.C.”, October - November 1997. Topics: *Introduction to Quality - Statistics – Acceptance Sampling – Preventive Process Control – Experimental Design – CE Product Certification*. Hours: 30.
- Seminar “Training of unemployed businessmen under 29 years old” of VTC “I.A.T.A.P.”, July 1996. Topics: *Process Control – Quality Control Techniques – Applications of Quality Control*. Hours: 18.
- Seminar “Quality Control - Assurance” of the Vocational Training Centre (VTC) “Technical Education”, December 1995. Topics: *Statistical Quality Control – Taguchi Methods*. Hours: 24.
- Seminar “Industrial Production Management” of the Technical Chamber of Eastern Macedonia, November 1995. Topics: *Quality Assurance – Statistical Quality Control*. Hours: 18.

6.9 Projects

- 5/9 - 5/10/2016: scientific visit in the Institute of Paul Bocuse, in Lyon, France, as member of the research team of the project “[Foodsmart](#) - Shaping smarter consumer behavior and food choice”.
- 21 - 29/9/2014: scientific visit in Poland (after the approval of my application) under the bilateral educational program of 2014, for collaborating or research issues (regarding Reverse Logistics) with colleagues from Czestochowa University of Technology (Faculty of Management) and Technical University of Czestochowa (Institute of Logistics and International Management).
- 14 – 25/5/2012: participation in the Erasmus Intensive Program Project “[GreenLog](#) - Green Logistics: Trends and Applications for a Sustainable Life-Style” (after the approval of my application), Yasar University, Izmir, Turkey. My main contribution was the 6-hour lecture I gave about Reverse Logistics on the 18th of May and the mentoring of students.

7. Research activities

7.1 PhD Thesis

Title : Economic Design and Comparative Analysis of One - Sided Adaptive \bar{X} Control Charts

University : Aristotle University of Thessaloniki

School / Department : Polytechnic School / Department of Mechanical Engineering

Year : 2001

Research Area : Statistical Quality Control

Supervisor : Professor George Tagaras

7.2 Edited Books

1. [Quality Management in Reverse Logistics](#), Y. Nikolaidis Editor, Springer, London, 2012.

7.3 Book chapters

1. Nikolaidis, Y. and Efthymiadis, G., 2016, Education on Corporate Social Responsibility in Greece: Is there any and does it affect students' perception?, in Duygu Turker et al. (eds.): *Social responsibility education across Europe: A quantitative research project (2014-2015)*, pp. 161-184, [Springer](#).
1. Carayannis, E.G. and Nikolaidis, Y., 2010, [Enterprise Networks and Information and Communication Technologies \(ICT\) Standardization](#), in Wang, L. and Koh S.C.L. (eds.): *Enterprise Networks and Logistics for Agile Manufacturing*, pp. 99-118, Springer.

7.4 Publications in refereed, scientific Journals

1. Nikolaidis, Y. and Tagaras, G., 2017, [New Indices for the Evaluation of the Statistical Properties of Bayesian \$\bar{X}\$ Control Charts for Short Runs](#), *European Journal of Operational Research*, 259 (1), pp. 280-292.
2. Nikolaidis, Y. and Adamidou, A., 2016, [Quality Assurance Mapping in Greek Service Companies](#), *The TQM Journal*, vol. 28, no. 3, pp. 431-454.
3. Nenes, G. and Nikolaidis, Y., 2015, [A New Model for the Representation of the ISO 2859 Standard](#), *Communications in Statistics - Theory and Methods*, vol. 44, no. 1, pp. 159-170.
4. Nikolaidis, Y., 2015, [Building a Basketball Game Strategy through Statistical Analysis of Data](#), *Annals of Operations Research*, vol. 227, no. 1, pp. 137-159.
5. Nikolaidis, Y. and Dimitriadis, S.G., 2014, [On the Student Evaluation of University Courses and Faculty Members' Teaching Performance](#), *European Journal of Operational Research*, vol. 238, no. 16, pp. 199-207.
6. Nikolaidis, Y., Fouskas, K. and Carayannis, E., 2013, [Assisting Regional Policy by Rapidly Comparing Enterprise Innovation Between Regions](#), *Journal of Innovation and Entrepreneurship*, vol. 2, no. 16.
7. Nikolaidis, Y., Bakouros, Y. and Skalkos, D., 2012, [Innovative Efforts of SMEs: Exploring the Barriers to Successful Implementation](#), *International Journal of Innovation and Regional Development*, vol. 4, no. 6, pp. 509-535.
8. Nenes, G. and Nikolaidis, Y., 2012, [A Multi-period Model for Managing Used Product Returns](#), *International Journal of Production Research*, vol. 50, no. 5, pp. 1360-1376.
9. Nikolaidis, Y. and Terpos, C., 2010, [The Evolution of Quality Management in DOKPY, Magnesia -](#)

- [Greece: from Basic Quality Initiatives to EFQM](#), *International Journal of Productivity and Quality Management*, vol. 5, no. 4, pp. 384-400.
10. Nikolaidis, Y., Pilavachi, P.A. and Chletsis, A., 2009, [Economic Evaluation of Energy Saving Measures in a Common Type of Greek Building](#), *Applied Energy*, vol. 86, no. 12, pp. 2550-2559.
 11. Nikolaidis, Y., 2009, [A Modelling Framework for the Acquisition and Remanufacturing of Used Products](#), *International Journal of Sustainable Engineering*, vol. 2, no. 3, pp. 154-170.
 12. Nikolaidis, Y. and Nenes, G., 2009, [Economic Evaluation of ISO 2859 Acceptance Sampling Plans used with Rectifying Inspection of Rejected Lots](#), *Quality Engineering*, vol. 21, no. 1, pp. 1-14.
 13. Nikolaidis, Y. and Bakouros, Y., 2009, [Innovation Penetration into a Region with Specific Features: The Case of Crete, Greece](#), *International Journal of Entrepreneurship and Innovation Management*, vol. 9, no. 1/2, pp. 118-138.
 14. Nikolaidis, Y., Rigas, G. and Tagaras, G., 2007, [Using Economically Designed Shewhart and Adaptive \$\bar{X}\$ - Charts for Monitoring the Quality of Tiles](#), *Quality and Reliability Engineering International*, vol. 23, no. 2, pp. 233-245.
 15. Nikolaidis, Y., 2006, [Implementing Basic Quality Techniques in Social Services: the Case of DOKPY, Magnisia, Greece](#), *International Journal of Services Technology and Management*, vol. 7, no. 4, pp. 383-402.
 16. Tagaras, G. and Nikolaidis, Y., 2002, [Comparing the Effectiveness of Various Bayesian \$\bar{X}\$ Control Charts](#), *Operations Research*, vol. 50, no. 5, pp. 878-888.
 17. Nikolaidis, Y., Psinos, D. and Tagaras, G., 1997, A [More Accurate Formulation for a Class of Models for the Economic Design of Control Charts](#), *IIE Transactions*, vol. 29, no. 12, pp. 1031-1037.

7.5 Seminar – Symposium proceedings

1. Adamopoulos, K. and Nikolaidis, Y., 2007. Elements and specifications of tires. Inspection and control systems, training topics of "Processes and Procedures Manual", ENEPROT.

7.6 Publications in refereed Conference Proceedings

1. Sivena, S., and Nikolaidis, Y., 2017, Monitoring Students' Evaluation of University Courses and Faculty Members using SPC Viewpoint, 6th International Symposium and 28th National Conference on Operational Research, Thessaloniki.
2. Karakalidis, A., Sifaleras, A., and Nikolaidis, Y., 2017, A case study on optimizing the performance of a production company using a new mathematical model, 6th International Symposium and 28th National Conference on Operational Research, Thessaloniki.

3. Efthymiadis, G., Nikolaidis, Y. and Aggelidis, P. 2016, Evaluating the benefits of the Vodafone Telemedicine Program in primary healthcare, *12th national conference about Health Management, Economics and Policies*, Athens, Greece.
4. Efthymiadis, G. and Nikolaidis, Y., 2015, Corporate Social Responsibility in Greece: are there any relevant educational programs and training activities?, *1st International Conference on Agrifood SCM & Green Logistics*, Porto Carras, Greece (proceedings can be found only in an electronic form).
5. Adamidou, A. and Nikolaidis, Y., 2011, Quality Assurance Issues in Greek Companies Providing Services: a Literature Review, *8th International Conference on "Standardization, Prototypes and Quality: A Means of Balkan Countries' Collaboration"*, Thessaloniki.
6. Besiou, M. and Nikolaidis, Y., 2009, Choosing the Right Stage in a Production Process to Implement Quality Control, Using System Dynamics, *6th International Conference on "Standardization, Prototypes and Quality: A Means of Balkan Countries' Collaboration"*, Thessaloniki.
7. Nenes, G. and Nikolaidis, Y., 2008, A thorough economic evaluation of the ISO 2859:2006 Acceptance Sampling Schemes, *2008 MSOM*, Maryland, College Park, U.S.A.
8. Nikolaidis, Y. and Terpos¹, C., 2007, Quality Management in DOKPY, Greece: the Transition from Basic Quality Techniques to EFQM, *12th EURAS Workshop on Standardisation and Networks*, Thessaloniki, pp. 147-156.
9. Athanasakis, D. and Nikolaidis, Y., 2006, Software Development for Acceptance Sampling According to the ISO 2859 Standard, *2nd International Symposium on Management, Engineering and Informatics (MEI) 2006*, Orlando, U.S.A.
10. Nikolaidis, Y., 2005, Simple Quantitative Models for the Acquisition and Remanufacture of Used Products: Application in the case of Cell Phones, *9th National Conference of Logistics*, Thessaloniki, Greece (in Greek, only in an electronic form).
11. Nikolaidis, Y. and Nenes, G., 2005, Economic Evaluation of Sampling Schemes that are Proposed by Acceptance Sampling Standards, *10th EURAS Workshop on Standardisation and Networks*, Tallinn, Estonia, pp. 111-116.
12. Tagaras, G. and Nikolaidis, Y., 1998, Adaptive Quality Control Charts, *12th National Conference of Operations Research*, Samos, Greece, pp. 885-895 (in Greek).
13. Tagaras, G. and Nikolaidis, Y., 1998, Economic Evaluation of Alternative Adaptive Control Charts for Variables, *1998 INFORMS MSOM*, Seattle, U.S.A., pp. 24-29.

¹ Graduate student

7.7 Publications in non refereed Conference Proceedings

1. Nikolaidis, Y. and Chen, M., 2014, Evaluating the Performance of Various Control Charts for Short Production Runs, *INFORMS Annual Meeting*, San Francisco, U.S.A.
2. Nikolaidis, Y. and Zahariadis, A., 2013, Potential exploitation of Statistical Quality Control techniques in SMEs aiming at their sustainable development, 10th Anniversary International Conference “Standardization and Related Activities – a Means of International and Balkan Collaboration”, Sozopol, Bulgaria.
3. Nikolaidis, Y. and Kaskalis, T.H., 2012, Economically Optimum Acceptance Sampling Plans Depending on how Rejected Lots are Handled, *DSI Annual Meeting*, San Francisco, U.S.A.
4. Nikolaidis, Y., 2011, A Multi-period Model for Managing Used Products Returns, *DSI Annual Meeting*, Boston, U.S.A.
5. Skalkos, D., Nikolaidis, Y. and Bakouros, Y., 2011, Innovation Penetration into an Islanding Region: the Case of North Aegean, Greece, *International Conference on “Rethinking Business and Business Education in the Age of Crisis”*, Chios Island, Greece.
6. Kounias, A., Nenes, G. and Nikolaidis, Y., 2010, Economic evaluation of the ISO 2859:2006 Acceptance Sampling plans: the case of a plastics company, *4th National Conference for Standardization, Standards and Quality*, Thessaloniki, Greece (in Greek).
7. Margioris⁶, G. and Nikolaidis, Y., 2008, Performance and Quality of Public Services: Evaluation by Using Indexes, Multi-Criteria Analysis and Statistical Quality Control Techniques, *3rd National Conference for Standardization, Standards and Quality*, Thessaloniki, Greece (in Greek).
8. Prikakis⁶, G. and Nikolaidis, Y., 2008, Development of Quality Management System According to ISO 9001:2000 in a Waste Management Company, *3rd National Conference for Standardization, Standards and Quality*, Thessaloniki, Greece (in Greek).
9. Chletsis⁶, A., Nikolaidis, Y. and Pilavachi, P., 2007, Economic Evaluation of Energy Saving Measures in Buildings, *Heat SET 2007 - Heat Transfer in Components and Systems for Sustainable Energy Technologies*, Chambery, pp 901-915.
10. Nenes, G. and Nikolaidis, Y., 2006, Economic Dimension and Analysis of Acceptance Sampling Schemes Proposed by ELOT 398.0 - 398.1 Standards, *2nd National Conference for Standardization, Standards and Quality*, Thessaloniki, Greece, pp 653-665 (in Greek).
11. Athanasakis, D. and Nikolaidis, Y., 2006, Software Development for Quality Control According to the ELOT 398.0 – 398.1 Standards, *2nd National Conference for Standardization, Standards and Quality*, Thessaloniki, Greece, pp. 611-622 (in Greek).
12. Nikolaidis, Y. and Nenes, G., 2004, Economic Evaluation of Sampling Schemes that are Proposed by Acceptance Sampling Standards, *1st National Conference for Standardization, Standards and*

Quality, Thessaloniki, Greece, pp. 316-324 (in Greek).

13. Nikolaidis, Y., 2004, Design and Application of Basic Quality Techniques in Social Services: the Case Of D.O.K.P.I., N. Ionia Volos, *1st National Conference for Standardization, Standards and Quality*, Thessaloniki, Greece, 222-230 (in Greek).
14. Nikolaidis, Y. and Tagaras, G., 1996, Quality Assurance by Means of Dynamic Control Charts, *Euroconference - European Management in face of Knowledge Driven Competition, TMR program*, Porto (only in an electronic form).

7.8 Announcements in Conferences without Proceedings

1. Tagaras, G. and Nikolaidis, Y., 2001, On the Performance of Alternative Adaptive Control Charts, *3rd Aegean International Conference on "Design and Analysis of Manufacturing Systems"*, Tinos.
2. Tagaras, G. and Nikolaidis, Y., 1997, Bayesian Control Charts for Variables, *Managing Services in the next Millennium*, San Diego, U.S.A.

7.9 Working papers

1. Nikolaidis, Y., Efthymiadis, G., and Aggelidis, P., Quality Assessment of a Second Opinion Telemedicine Service.
2. Nikolaidis, Y. and Chen, M., Evaluating the Performance of Various Control Charts for Short Production Runs.
3. Nikolaidis, Y. Quality issues in Reverse Logistics – A review of quantitative models.

7.10 Participation in Research Projects

I have participated either as a full-time or as a part-time member of the research team in the following research projects:

- "SMART – Sustainable Management and Actions to Promote Regional Transition", March 2006 - April 2006.
- "Internet Supported Module System for the Innovative Problem Solving Method – Innosupport" the framework of the Leonardo program, January 2006 - March 2006.
- "Studies for the Innovation in Particular Branches of the Cretan Economy," September 2005 - December 2005.
- "Creating Motives for the Development of Decentralized Power Systems", October 1994 - June 1995.
- "Working Positions in the Most Important Tourist Professions in Greece - Description and Necessary Qualifications", May 1994 - July 1994.

- “Definition of Characteristics of Foreign Tourists”, October 1993 - June 1994.
- “Definition of Characteristics of the Employees in the Branch of Tourism”, January 1993 - December 1993.
- “Determination of Educational and Training Needs in the Branches of Textile and Ready - Made Clothes,” FORCE program, March 1993 - May 1993.

8. Other scientific activities

8.1 Participation in editorial boards of scientific journals

- [Journal of Engineering, Project, and Production Management](#), January 2015 till today.

8.2 Referee of submitted scientific manuscripts

I have been a referee for the following international, scientific journals:

- *Computers & Industrial Engineering*,
- *Educational Research*,
- *European Journal of Operational Research*,
- *Journal of Engineering, Project, and Production Management*
- *Journal of the Operational Research Society*
- *International Journal of Operations and Quantitative Management*,
- *International Journal of Sustainable Engineering*,
- *International Journal of Systems Science*,
- *Knowledge-Based Systems*
- *Operations Research*,
- *Production and Operations Management*,
- *Scientific Research and Essays*,
- *Tamkang Journal of Science and Engineering*,

for the conference

- *Management, Engineering and Informatics: MEI 2014*,

as well as a referee of book proposals for the publisher Springer-Verlag, London.

8.3 Participation in the organization of Conferences, Events, etc..

- 2017 International Conference on Engineering, Project, and Product Management (EPPM 2017), 19-21 September 2017, Amman, Jordan, [Scientific Committee](#).
- 2016 International Conference on Engineering, Project, and Product Management (EPPM 2016),

22-23 September 2016, Bialystok, Poland, [Scientific Committee](#).

- 2015 International Conference on Engineering, Project, and Product Management (EPPM 2015), 2-4 September 2015, Gold Coast, Queensland, Australia, [Scientific Committee](#).
- 2nd Technology Forum, 8 May 2015, Organizing Committee and [Coordinator of 2nd Session](#) – Department of Applied Informatics representative – University of Macedonia.
- 1st Student Conference Department of Applied Informatics, Technology Management and Marketing and Operations Management, University of Macedonia, Thessaloniki, 5 November 2010, Organizing and Scientific Committee

8.4 Participation in Conferences, significant Events etc.

- 2009: Participation in the “2nd International Conference on Entrepreneurship, Innovation and Regional Development”, CITY College, Thessaloniki - Greece, 24-25 April.
- 2007: Participation in the “7th Closed-Loop Supply Chain Workshop”, Aristotle University of Thessaloniki, Thessaloniki - Greece, 14-16 October.
- 2003: Participation in the “3rd Workshop on Business Aspects of Closed-Loop Supply Chains”, Penn State University, Pennsylvania - U.S.A., 26-28 October.
- 2002: Participation in the “2nd Workshop on Business Aspects of Closed-Loop Supply Chains”, INSEAD University, Fontainebleau - France, 13-15 October.

8.5 Participation in Committees / Working Groups

- Member of the Office for the strategic planning of the Library of University of Macedonia, since April 2014.
- Member of the Extraversion Group of the Department of Applied Informatics, since January 2014
- Member of the Internal Evaluation Group (OMEA) of the Department of Applied Informatics, since January 2014
- Representative of the Department of Technology Management in the Quality Assurance Agency (MO.DI.P.) of University of Macedonia, for the development of the deliverable “Subject Benchmark Statement” – 2011.

8.6 Participation in Scientific Projects

- “Survey measuring satisfaction of doctors and examinees from Vodafone telemedicine program”, August 2015 - April 2016.
- “Research and Development of Statistical Process Control of the Dairy Factory MEVGAL S.A.,” January 1998 - June 2000.

- “Economic Design of Dynamic Process Control Charts”, March 1996 - March 1998.

8.7 Memberships

- Technical Chamber of Greece, since 1992.
- Association of Mechanical and Electrical Engineers in Northern Greece, since 1992.
- Greek Quality Forum, since 1996.
- Union of Hellenic Scientists for Prototyping and Standardization, since 2004.

9. Other activities

I have participated and completed successfully the following marathon races (apart from several other semi-marathons etc.):

- 10th. 12th International Marathon "Alexander the Great", 2/4/2017.
- 9th. 7th Run in Lyon Marathon, 2/10/2016
- 8th. 33rd Vienna City Marathon, 10/4/2016
- 7th. 2nd International Marathon of Rhodes, 26/4/2015
- 6th. 36th PZU Warsaw Marathon, 28/9/2014
- 5th. 38th Edition of Paris Marathon, 6/4/2014
- 4th. 37th Edition of Paris Marathon, 7/4/2013
- 3rd. 30th Athens Classic Marathon, 11/11/2012.
- 2nd. 29th Athens Classic Marathon, 13/11/2011.
- 1st. 6th International Marathon "Alexander the Great", 10/4/2011.