

# CURRICULUM VITAE

## Vasileios Kostoglou

Work address: International Hellenic University  
Department of Informatics and Electronics Engineering  
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### **PRESENT POSITION**

- Professor, Department of Informatics and Electronics Engineering

### **EDUCATION**

- PhD in Applied Operational Research and Informatics  
Department of Applied Informatics, University of Macedonia, Greece  
Grade: excellent
- Degree in Pedagogical Studies  
Pedagogical School S.E.L.E.T.E., Thessaloniki  
Grade: 7 and 7/10 (out of 10)
- Master's degree in Operations Research  
School of Management, University of Lancaster, United Kingdom
- Bsc degree in Mechanical Engineering (5 year studies)  
Faculty of Engineering, Aristotelian University of Thessaloniki, Greece  
Grade: 8 (out of 10)
- Certified trainer by the European Certification and Qualification Association for the following professions:
  - Certified EU Project Manager
  - Certified Social Responsibility Manager
  - Certified Social Media Networker
  - Certified Valorization Manager

### **LANGUAGES**

- Greek: Native language
- English: Fluently (C2)
- French: Very good knowledge (C1)
- German: Good knowledge (B2)
- Italian: Basic knowledge (A2)
- Serbian: Basic knowledge (A2)

### **WORK EXPERIENCE**

Total working experience: 37 years

2019 - present: International Hellenic University  
Department of Informatics and Electronics Engineering

2013-2105: President (head) of the Department of Information Technology

2013- present: Teaching at the Hellenic Open University  
(Postgraduate courses: 1) Management of Technical Projects –  
2) Economics of Technical Projects)

2012, 2016, 2019: Visiting professor, Warsaw University of Life Sciences, Poland  
(Postgraduate course: Operational Analysis II)

- 19895 - 2019: Alexander Technological Educational Institution of Thessaloniki.  
Department of Information Technology
- 1985 - 1994: Taught at the departments of Mechanical Engineering, Vehicle Technology and Marketing.  
Subjects taught (for a period of at least two academic years):
- Operations Research
  - Special Topics of Operations Research
  - Communication Skills
  - Labour Market Search Techniques
  - Society and Information Technology
  - Introduction to Computers
  - Operating Systems (MS-DOS, Windows)
  - Computer Programming (Basic, Cobol)
  - Quality Control
  - Production Management and Planning
  - Economical and Technical Analysis
  - Use of Computers in Marketing
- 1989 - present: Supervisor of more than 60 degree theses at the departments of Informatics and Mechanical Engineering.
- 2004-today: Lectures in Operational Research and Project Management under the framework of the European programme Socrates in the following Universities
- 2004: University of Messina (Italy)
  - 2006: University of Bordeaux I (France)
  - 2007: University of Sunderland (United Kingdom)
  - 2010: University Wales Institute Cardiff (United Kingdom)
  - 2008-2011, 2014: University College Ghent (Belgium)
  - 2015: University of La Rochelle (France)
  - 2015, 2019: Chengdu University (China)
  - 2019: University of Ottawa - Telfer School of Management
- 2006 - 2008: Group leader of the department's sector "Analysis and Programming" –  
Deputy Head of the department of Informatics
- 1993, 1995: Deputy Head of the department of Informatics and group leader of the department's sector "Analysis and Programming".
- 1990 – 1998: Co-ordination and organisation of educational seminars in the following bodies:
- TEI of Thessaloniki
  - Careers Service of TEI of Thessaloniki
  - Greek Productivity Centre
  - Greek Vehicle Industry
- 1983 - 1996: Professor and seminar instructor in various subjects of Operations Research, Management, Information Technology and Marketing in the following bodies:
- Technical Chamber of Greece
  - Greek Productivity Centre
  - Hellenic Operations Research Society
  - Technological Educational Institution of Serres
  - Higher School of Greek Airforce
  - Greek Organisation of Small and Medium Size Enterprises
  - Greek Vehicle Industry
  - International Fair of Thessaloniki
  - Co-operative company S.P.E.K.A.
  - Private colleges and schools (TIT, North College, IESE, Tsakalou).
- 1981 - 1989: Mechanical Engineer and Computer Programmer working independently in the private sector.  
Main employers (independent collaboration):
- Electromotor industry "KHM"
  - Plastic and leather industry "NEOPLASTIC Gavriiloglou S.A"
  - Import and industrial dairy farming company "VEROUKA Bros.S.A."
  - Technical company "BETOMAX, Mavroudi Bros. S.A."
  - Brick and tile factory "Printzi D. Bros., GRANITIS S.A."

- Insurance company "INTERAMERICAN S.A."

Main work duties and activities:

Mechanical engineering studies, evaluations of fire proofing systems, responsibility of operation of technological equipment, marketing and quality control of new products, development of specialised computer programmes.

## **RESEARCH PROGRAMMES AND PROJECTS**

### **MANAGEMENT**

- 1/4/2012-31/3/2015: Project manager (leader) of the research project:  
«Digital map of higher technological education professions»  
Project co-sponsored by the European Union and the Greek Government under the research programme ARCHIMEDES III.
- 1/9/2007-31/12/2009: Project manager (grant holder) of the project:  
“ICT and media convergence training”  
Joint European Project (JEP) of the programme Tempus of the European Union in o-  
operation with the universities of Yarmouk (Jordan) and Sunderland (UK)
- 01/1997 – 06/2008: Leader (project manager) of the project:  
“Operation and development of the Careers Service of T.E.I of Thessaloniki”  
Project co-sponsored by the European Union and the Greek Government under the  
2<sup>nd</sup> and 3<sup>rd</sup> Community Support Framework.
- 07/2005 – 06/2008: Leader (project manager) of the project:  
“Establishment of new Career Service branches at the annexes of TEI of  
Thessaloniki in Katerini, Kilkis and Moudania”  
Project co-sponsored by the European Union and the Greek Government under the  
3<sup>rd</sup> Community Support Framework.
- 05/2003 – 09/2006: Leader (project manager) of the project:  
“Development and application of a complete services system for supporting  
enterprising concepts by the Career Service of TEI of Thessaloniki”  
Project co-sponsored by the European Union and the Greek Government under the  
3<sup>rd</sup> Community Support Framework.

### **PARTICIPATION**

- 05/2015-04/2019: Participation in the research project:  
“Mathematics for Industry Network” – MINET  
Project of the research programme COST.  
COST Action funded project (Project code: TD 1409)
- 04/2012-03/2015: Participation in the research project:  
“Family business on the new economy – How to survive and develop”  
Project co-sponsored by the European Union and the Greek Government under the  
research programme ARCHIMEDES III.
- 10/2011-09/2013: Participation in the Leonardo da Vinci project:  
“Valorization Expert Training and Certification” - VALO  
Concerning the development of educational and exam material for the education and  
qualification of experts in dissemination and valorization of project results in  
European level.  
(Project Number: 2011-1-GR1-LEO05-06789)
- 10/2011-09/2013: Participation in the Leonardo da Vinci project:  
«Certified Social Media Networker Skills” - SIMS  
Concerning the development of educational and exam material for the education and  
qualification of experts in social media in European level.  
(Project number: 2011-1-ES1-LEO05-35930)
- 01/2011-12/2012: Participation in the Leonardo da Vinci project:  
“Development of Social Responsibility Training and Certification” - SOCIREs  
Concerning the development and dissemination of teaching and exam material for the  
qualification and certification of Social Responsibility Manager in European level.  
(Project number: 510098-2010-LLP-SI-LEONARDO-LMP)

- 01/2008-12/2011: Participation in the Leonardo da Vinci projects:  
 “EU-Certification” (EUCert) and «Dissemination EU-Certification” (dEUCert)  
 Concerning the development and dissemination of teaching material for the  
 certification of new ICT professions in European level.  
 (Project numbers: M135691-LLP-1-2007 & 505101-LLP--2009-1-AT-KA4-KA4MP).  
 - Member of the job role committee EU-Project Manager  
 - Certified trainer of the profession EU-Project Manager
- 04/2008 – 03/2010: Participation in the Erasmus Mundus ECW project:  
 «External Cooperation Window Lot5 for Georgia, Armenia and Azerbaijan»  
 Supervisor of 2 PhD theses  
 1. “Economic-statistical evaluation of rural population employment and strategy of  
 overcoming the poverty”  
 2. “Investigating the savings – investments relationship: the case of Azerbaijan”
- 01/2008 - today: Participation in the Leonardo da Vinci project (Project no.: 135691-LLP-1-2007).  
 concerning the development and dissemination of teaching material for the  
 certification in European Union of new ICT professions.
- 09/2007 - 06/2008: Participation in the project “Career Service of ASPAITE”  
 Project co-sponsored by the European Union and the Greek Government under the  
 3<sup>rd</sup> Community Support Framework.  
 Project leader of the research study for investigating the employment of ASPAITE  
 graduates in the labour market.
- 1997 – 11/2008: Representative of TEI of Thessaloniki and member of the Co-ordinating Committee  
 of the project: “Horizontal Networking of the Careers Services of the Greek TEIs”.  
 Project co-sponsored by the European Union and the Greek Government under the  
 2<sup>nd</sup> and 3<sup>rd</sup> Community Support Framework.
- 10/2006 – 06/2008: Member of the main team of the project:  
 “Development and application of a complete services system for supporting  
 enterprising concepts by the Career Service of TEI of Thessaloniki”  
 Project co-sponsored by the European Union and the Greek Government under the  
 3<sup>rd</sup> Community Support Framework.
- 2003 - 2004: Participation in the research project: “Supporting studies in Informatics at TEI of  
 Thessaloniki”  
 Project co-sponsored by the European Union and the Greek Government under  
 the 3<sup>rd</sup> Community Support Framework.  
 Accomplishment of the activities related to entrepreneurship.
- 1997 - 1999: Deputy leader of the project “Practical Training of the students of the department of  
 Informatics of TEI of Thessaloniki”.  
 Project co-sponsored by the European Union and the Greek Government under  
 the 2<sup>nd</sup> Community Support Framework.
- 1993 - 1995: Co-ordinator and representative of T.E.I of Thessaloniki at the educational and  
 research inter-university programme of the European Union MEDCAMPUS  
 Network EGIN: “Introducing Decision Support Tools to Management Education  
 and Training”.
- 1993 - today: Participation and co-operation in the following educational programmes of the  
 European Union: ERASMUS, ALPHA, SOCRATES, MEDCAMPUS, TEMPUS.

## EVALUATION

- 1995: Selected referee of proposals for European Committee’s programme RETEX,  
 concerning restructure and reorganisation of the Greek industry.
- 2005: Selected referee of project proposals under the 3<sup>rd</sup> Community Support Frame-  
 work: “Practical Training of students of higher education”
- 2008: Evaluation of the project “Career Service of TEI of Western Macedonia”  
 Project co-sponsored by the European Union and the Greek Government under  
 the 3<sup>rd</sup> Community Support Framework.

- 2008: Evaluation of the project “Career Service of TEI of Western Macedonia”  
Project co-sponsored by the European Union and the Greek Government under the 3<sup>rd</sup> Community Support Framework
- 2009: Selected expert for the programme of the European Committee Tempus IV
- 2010: Evaluator of proposals submitted for the Life Long Learning Programme  
Evaluated actions:  
- “Innovation and entrepreneurship units”  
- “Practical training of University graduates”
- 2010 - 2013: Evaluator of proposals submitted under the LLL programme Grundtvig
- 2011: Evaluator of research proposals submitted in the framework of the Research Support Programme of ATEI of Thessaloniki “RSP 2010”
- 2012: Evaluator of state scholarships for postgraduate studies in Greece and abroad
- 2012 - 2013: Evaluator of proposals submitted under the LLL programme Comenius
- 2014 - 2017: Evaluator of Erasmus+ proposals (action KA2)
- 2017: External evaluator for the research programme COST  
Assignment Authority: COST Association

## **PUBLICATIONS**

### **A. Published books**

- Kostoglou, V. (2002). *Operational Research: Methodology - Applications and problems - Software presentation*. Thessaloniki: Tziolas Publishing Co. ISBN: 960-8050-84-7 (in Greek).
- Kostoglou, V. and Zarbi E. (1999). *Series of five booklets on Career Counselling*. Thessaloniki: Careers Service of TEI of Thessaloniki.
- Kostoglou, V., Karageorgos, A., Karianou, K. and Louizidi, A. (2004). *Entrepreneurship Guide*. Thessaloniki: Careers Service of TEI of Thessaloniki. ISBN: 960-287-060-5.
- Kostoglou, V., Karageorgos, A., Karianou, K., Louizidi, A. and Chatzisavva, E. (2006). *Entrepreneurship: step by step*. Athens: Horizontal Networking of the Careers Services of the Greek TEIs.
- Kostoglou, V., Vasilakopoulos, M. and Zafeiropoulos, C. (2007). *The employment of the graduates of ATEI of Thessaloniki in the labour market*. Thessaloniki: Careers Service of TEI of Thessaloniki. ISBN: 978-960-287-079-2.
- Kostoglou, V. (2015). *Operational Research and Organization of Production Systems*. Thessaloniki: Tziolas Publishing Co. ISBN: 978-960-418-569-9 (in Greek).
- Kostoglou, V. and Antoniou, E. (2021). *Probabilities and Statistics*. Thessaloniki: Tziolas Publishing Co. ISBN: 978-960-418-565-8 (in Greek).

### **B. Book chapters /editorials**

- Kostoglou, V., Arabatzis, G. and Karamitopoulos, L. eds. (2011). *Proceedings of the 1<sup>st</sup> International Symposium and 10<sup>th</sup> Balkan Conference on Operational Research (BALCOR 2011)*. Vol. I, 1-372 – ISBN: 978-960-87277-6-2 and Vol. II, 1-440 - ISBN: 978-960-87277-7-9.
- Papathanasiou, J., Kostoglou, V. and Ribeiro, R. (guest editors) (2012). *Special issue of the “International Journal of Decision Support System Technology (IJDSST)”*, vol. 4, 1, with selected papers from the 1<sup>st</sup> International Symposium & 10th Balkan Conference on Operational Research. ISSN: 1941-6296
- Georgiadis, C. K., Kostoglou, V., Arabatzis, G. and Stiakakis, E. (guest editors) (2015). 1st International Symposium and 10th Balkan Conference on Operational Research (BALCOR 2011). *Annals of Operational Research*. DOI 10.1007/s10479-015-1819-3
- Kostoglou, V. and Panidou, M. (2016). ICT Education and Skills Certification Framework in Europe – Experience and Results in the PICTET Tempus Project. *System of Professional ICT-education: Experience of EU, Russia, Kazakhstan*, 247-268. ISBN: 9785975816429.

### C. Degree theses

- Bachelor's degree dissertation. Aristotelian University of Thessaloniki, Greece  
Title: "Minimising the total distribution cost of the milk industry AGNO".  
Field: Operational Research (Distribution - Transportation). Mark: 10 (out of 10)
- Master's degree thesis. University of Lancaster, Great Britain  
Title: "Studying the trading patterns of Campus bars of the University of Lancaster".  
Field: Operational Research (Statistical Analysis - Marketing)
- PhD thesis. University of Macedonia, Greece  
Title: "The employment of information and communications technologies' specialities in the enterprises"  
Field: Applied Operational Research – Informatics

### D. Publications in journals

- D1. Kostoglou, V. (2002). Investigating studies and specializations of information and communications technologies in Greek basic education and vocational training. *Labour Relations Review*, 28, 80-93.
- D2. Kostoglou, V. (2003). Postgraduate studies in information and communications technologies: Evolution-education-prospects. *Management Science Review*, 28, 71-85.
- D3. Kostoglou, V., Paparrizos, K. and Zafiroopoulos, C. (2004). Investigating human resource management policies in ICT Labour Market. *Operational Research an International Journal (ORIJ)*, 4 (1), 57-72.
- D4. Varkas, G., Kostoglou, V. and Paparrizos, K. (2005). Accession and use of information and communications technologies in the public sector: results and conclusions from a regional survey. *Labour Relations Review*, 37, 39-55.
- D5. Kostoglou, V. and Zafiroopoulos, C. (2006). Analyzing the demand in the information and communications technologies sector: the case of Greece. *The Cyprus Journal of Sciences*, 4, 91-108.
- D6. Kostoglou, V. (2006). Postgraduate programmes and specializations in ICT: the effects of enterprise characteristics on postgraduates' employment. *Themes in Education*, 7(2), 165-179.
- D7. Siakas, K. and Kostoglou, V. (2007). Entrusting informatics services to external partners (outsourcing). *Management Science Review*, 40, 25-36.
- D8. Kostoglou, V. and Siakas, K. (2007). The ICT labour market in Greece: professions spreading and prospects. *Labour Relations Review*, 40, 29-42.
- D9. Beglaryan, A. and Kostoglou, V. (2008). Opportunities from European Union experience on rural poverty reduction strategy in the republic of Armenia. *Information Technologies and Management*, 55-64.
- D10. Kostoglou, V. (2009). The ICT professions in Greece: investigating the effects of enterprise profile characteristics. *Review of Economic Sciences*, 15, 79-98.
- D11. Gharibyan, G., Kostoglou, V. and Beglaryan, A. (2009). Investigating the problems of rural population employment in the Republic of Armenia and ways of solving them. *Finances and Economics*, 4-5, 122-124.
- D12. Adamidis, P. and Kostoglou, V. (2009). Experimental study of local selection on evolutionary timetabling. *The Cyprus Journal of Sciences*, 7, 53-64.
- D13. Kostoglou, V. and Adamidis, P. (2010). Analyzing the employability of higher education graduates' and detecting the effecting factors. *The Cyprus Journal of Sciences*, 8, 73-88.
- D14. Bayramli, N. and Kostoglou, V. (2010). The role of savings in the economic development of the Republic of Azerbaijan. *International Journal of Economic Sciences and Applied Research*, v. 3 (2), 99-110.
- D15. Koiliias, C., Kostoglou, V., Garpmpis, A. and van den Hiejden, B. (2011). The incorporation of graduates from higher technological education into the labor market. *Journal of Service Science and Management*, 4, 86-96.
- D16. Limberaki, E., Eleftheriou, Ph., Gasparis, G., Karalekos, E., Kostoglou, V. and Petrou Ch. (2011). Cortisol levels and serum antioxidant status following chemotherapy. *Health*, 3 (8), 512-517.

- D17. Kostoglou, V., Garmpis, A., Koilias, C. and van den Heijden, B. (2011). Predictors of higher technological education graduates' labour market entrance success, *European Journal of Higher Education*, 1, 2-3, 158-178.
- D18. Limberaki, E., Eleftheriou, P., Vagdatli, E., Kostoglou, V. and Petrou, C. (2011). Serum antioxidant status among young, middle-aged and elderly people before and after antioxidant rich diet. *Journal Hippokratia*, 16 (1), 420-425.
- D19. Kostoglou, V. (2011). Higher technological education graduates' entrepreneurship: results and conclusions of a nation-wide research study. *Journal iBusiness*, 3 (4), 332-338.
- D20. Kostoglou, V. and Siakas, E. (2012). Investigating higher education graduates' entrepreneurship in Greece. *Annals of Innovation & Entrepreneurship*, 3: 17291. DOI: 10.3402/aie.v3i0.17291.
- D21. Kostoglou, V., Minos, G. and Tolis, E. (2012). Development of an innovative information system: A fish identification e-key with update capabilities. *Information Systems and e-Business Management*, 11 (2), 253-264. DOI: 10.1007/s10257-012-0191-y
- D22. Minos, G., Kostoglou, V. and Tolis, E. (2013). An innovative decision making e-key application for the identification of fish species. Optimization Theory, Decision Making, and Operations Research Applications, in Migdalas A., Sifaleras A., Georgiadis C.K., Papathanasiou J., Stiakakis E. (Eds.), *Springer Proceedings in Mathematics & Statistics*, 31, 319-329. DOI: 10.10007/978-1-4614-5134-1\_23.
- D23. Kostoglou, V., Papathanasiou, J., Moschidis, O. and Ladoloulou, P. (2013). A comparative analysis of the Greek universities' presence on the world wide web using an analytical MCDM methodology. Special Issue "Multicriteria Decision Aid Applications for Social and Educational Services" in the International Journal of Multicriteria Decision Making.
- D24. Kostoglou, V., Vassilakopoulos, M. and Koilias, C. (2013). Higher technological education specialties and graduates' vocational status and prospects. *Education + Training*, 55 (6), 520-537.
- D25. Moschidis, O., Kostoglou, V. and Papathanasiou, J. (2013). Identifying the principal factors affecting the selection of higher education economical studies in Greece. *Journal of Management Research*, 5 (2), 119-132.
- D26. Balogh, A., Siakas, K., Koining, S., Ekert, D., Coakley, D. Colomo-Palacios, R. and Kostoglou, V. (2013). Social Media Networker: A New Profile for a New Market in Matsuo, T. and Colomo Palacios, R. (Eds.) *Electronic Business and Marketing New Trends on Its Process and Applications. Studies in Computational Intelligence*, 484, 137-146. Springer. ISBN: 978-3-642-37931-4 (Print) 978-3-642-37932-1 (Online)
- D27. Kostoglou, V., Ploskas, N., Vassilakopoulos, M. and Tsantopoulou, V. E. (2014). Analysis and design of a web-based decision support system for choosing higher education studies. *Yugoslav Journal of Operations Research*, 24 (3), 399-414. DOI: 10.2298/YJOR140411025K
- D28. Papathanasiou, J., Kostoglou, V. and Petkos, D. (2015). A comparative analysis of cloud computing services using multicriteria decision analysis methodologies. *International Journal of Information and Decision Sciences*, 7 (1), 51-70. DOI:10.1504/IJIDS.2015.068117.
- D29. Georgiadis, C. K., Kostoglou, V., Arabatzis, G. and Stiakakis, E. (2015). 1<sup>st</sup> International Symposium and 10th Balkan Conference on Operational Research (BALCOR 2011). *Annals of Operational Research*. DOI 10.1007/s10479-015-1819-3 (editorial).

#### **E. Publications/presentations in conference proceedings**

- E1. Kostoglou, V., Katsaris, C. and Chatzisavva, E. (1994). A computer package for business statistical forecasting. *Proceedings of the 10th National Conference on Operational Research*, 344-354. Chania, Greece.
- E2. Kostoglou, V., Vasilopoulos, N., Kavazis, D. and Chatzisavva, E. (1997). An object oriented system for design and statistical process of questionnaires. *Proceedings of the 3rd Panhellenic Conference with international participation: Didactics of Mathematics and Informatics in Education*, 344-354. Patra, Greece.
- E3. Kostoglou, V. (1997). Statistical forecasting for small and medium enterprises: An object oriented approach. *Presented at the Euro XV – Informs XXXIV Joint International Meeting*. Barcelona.
- E4. Kostoglou, V. (1998). An object oriented system for design and statistical process of questionnaires. *Presented at the 16<sup>th</sup> European Conference on Operational Research*. Brussels.

- E5. Kostoglou, V. and Apostolidis, F. (1999). Capital investment evaluation and choice: An approach through an object oriented information system. *Presented at the 15<sup>th</sup> Triennial Conference of IFORS*. Beijing, China.
- E6. Kostoglou, V. and Apostolidis, F. (1999). Information system for investment evaluation and selection. *Proceedings of the 4<sup>th</sup> Panhellenic Conference with international participation: Didactics of Mathematics and Informatics in Education*, 256-262, Rethymnon, Greece.
- E7. Kostoglou, V. and Kolettas, S. (2001). An object oriented system for simulating, modelling and evaluating player's strategies in the game of Blackjack. *Presented at Euro 2001: The European Operational Research Conference*. Rotterdam, Netherlands
- E8. Karianou, K. and Kostoglou, V. (2001). The importance of career counseling for the open and distance learning. *Proceedings of the 1<sup>st</sup> Panhellenic Conference for Open and Distance Learning*, Patra, Greece.
- E9. Kostoglou, V., Koliouisis, A. and Vitsas, V. (2003). Playing strategies in the game of Blackjack: An overall approach through mathematical analysis and simulation. *Euro / Informs Joint International Meeting*, Istanbul 6-10 July.
- E10. Karianou, K. and Kostoglou, V. (2003). Theoretical analysis and pilot implementation of evaluation tools in career counselling: The case of the careers service of TEI of Thessaloniki. *Presented at the 9<sup>th</sup> Pan-Hellenic Conference of Psychological Research*, Phones 21-24 May 2003, Greece.
- E11. Kostoglou, V. and Paparrizos, K. (2003). Occupation Areas, Specialization Sectors and Professions in ICT: An overall analysis and selection methodology. *Proceedings of the 9<sup>th</sup> Pan-Hellenic Conference of the Greek Computer Society*, 310-321. Thessaloniki, Greece.
- E12. Kostoglou, V., Zafiroopoulos, C., Paparrizos, K. and Notopoulos, P. (2003). Human resource management in information and communications technologies (ICT) enterprises: Results and conclusions of a national survey. *Proceedings of the 16<sup>th</sup> National Conference in Operational Research*, 61-74. Larisa, Greece.
- E13. Kostoglou, V., Notopoulos, P. and Paparrizos, K. (2003). Technical design application modelling by knowledge based systems. *Presented at the 16<sup>th</sup> National Conference in Operational Research*. Larisa, Greece.
- E14. Kostoglou, V. and Paparrizos, K. (2004). Higher education's undergraduate studies in ICT: Evolution analysis and statistical forecasts. *Proceedings of Meeting with International Participation*, 221-233. University of Thessaly, Volos, Greece.
- E15. Kostoglou, V. and Paparrizos, K. (2004). The portrait of the Greek labour market in Information and Communications Technologies. *Proceedings of the conference "Higher Education and Labour Market"*, TEI of Western Macedonia, 159-160. Kozani, Greece.
- E16. Kostoglou, V. and Paparrizos, K. (2004). Design and implementation of a survey model for investigating the ICT labour market. *Presented at the 20<sup>th</sup> European Conference on Operational Research*. Rhodes, Greece.
- E17. Kostoglou, V. and Zafiroopoulos, C. (2004). Studying the association between education outflows and labour market needs in the Information and Communications Technologies sector. *Proceedings of the International Conference "The Quality in Education of Balkan Countries"*, 103-115, Sofia.
- E18. Kostoglou, V., Koutroukis, T. and Paparrizos, K. (2004). ICT Graduate programmes in Greece: Analysis and association with the labour market. *Proceedings of the International Conference "Global Integration of Graduate Programmes" (GIGP 2004)*, 97-104. Amman, Jordan.
- E19. Kostoglou, V. (2005). A model for investigating and analyzing the demand in the ICT sector. *Presented at the 17<sup>th</sup> National Conference on Operational Research*. Patra, Greece.
- E20. Varkas, G., Kostoglou, V. and Paparrizos, K. (2005). Broadband networks and services: innovative means of human communication. *Proceedings of the 4<sup>th</sup> International Conference "New Horizons in Industry, Business and Education" (NHIBE 2005)*, 52-57. Corfu, Greece.
- E21. Kostoglou, V. (2005). Investigating the graduates' prospects in the ICT labour market. *Presented at the 3<sup>rd</sup> International Conference "Global Integration of Graduate Programmes" (GIGP 2005)*. Irkutsk, Russia.
- E22. Kostoglou, V. and Paparrizos, K. (2006). A comprehensive analysis of the information and communications technologies' professions in Greece. *Proceedings of the 18<sup>th</sup> Pan-Hellenic Conference of HELORS*, 539-549. Kozani, Greece.



- E23. Kostoglou, V. (2006). Implementation of a two-stage survey model for selecting and investigating the ICT professions and specializations. *Presented at the 21<sup>st</sup> European Conference of Operational Research (EURO XXI)*. Reykjavik, Iceland.
- E24. Kostoglou, V. and Paparrizos, K. (2007). Analyzing the characteristics of graduates' employment: Results and conclusions of a large survey. *Presented at the 19<sup>th</sup> Pan-Hellenic Conference of HELORS*. Arta, Greece.
- E25. Kostoglou, V. (2007). Design and implementation of a survey model for investigating graduates' employment. *Presented at the 22<sup>nd</sup> European Conference of Operational Research (EURO XXII)*. Prague, Czech Republic.
- E26. Kostoglou, V. and Paloukis, S (2007). Graduates' employment in European Union. *Proceedings of the 5<sup>th</sup> International Conference "New Horizons in Industry, Business and Education" (NHIBE 2007)*, 103-107. Rhodes, Greece.
- E27. Kostoglou, V. and Paloukis, S (2007). Investigating graduates' employability in European Union: Review, analysis and comparison. *Proceedings of the International Conference "Global Integration of Graduate Programmes" (GIGP 2007)*, Split, Croatia.
- E28. Kostoglou, V. and Siakas, K. (2008). Graduates' entrepreneurship: investigating self-employment of university graduates. *Proceedings of 2nd International FINPIN Conference - Promoting Entrepreneurship by Universities*, April 20-22, 2008, Hämeenlinna, Finland.
- E29. Kostoglou, V. (2008). Implementing a survey model for the investigation of graduates' entrepreneurship: the case of TEI of Thessaloniki. *Presented at the 20<sup>th</sup> PanHellenic Conference of HELORS*. Spetses, Greece.
- E30. Panetsos, S. and Kostoglou, V. (2009). The employability of educational specialties: design and implementation of a survey model employment. *Proceedings of the 21<sup>st</sup> PanHellenic Conference of HELORS*, v. II, 880-894. Athens, Greece.
- E31. Kostoglou, V. (2009). Examining university graduates' entrepreneurship through the design and application of an OR survey model. *Presented at the 23<sup>rd</sup> European Conference of Operational Research (EURO XXIII)*. Bonn, Germany.
- E32. Kostoglou, V. (2009). Postgraduate education in ICT and media convergence: development, teaching and assessment of new courses. *Proceedings of the 6th International Conference "New Horizons in Industry, Business and Education" (NHIBE 2009)*, 141-146. Santorini, Greece.
- E33. Bairamli, N. and Kostoglou, V. (2009). The role of savings in the economic development of the republic of Azerbaijan. *Proceedings of International Conference on Applied Business and Economics*, 98. Kavala, Greece.
- E34. Kostoglou, V. (2010). Evaluation and comparison of project management software. *Presented at the 24<sup>th</sup> European Conference of Operational Research (EURO XXIII)*. Lisbon, Portugal.
- E35. Koilias, C., Kostoglou, V., Tourna, E., Garmpis, A. and Tolis, V. (2011). Investigation and analysis of Technological Educational Institutions' graduates employment. *Proceedings of 1<sup>st</sup> National Conference of Greek Mathematical Society and Hellenic Operational Research Society*, Piraeus, Greece.
- E36. Tolis, E., Minos, G. and Kostoglou, V. (2011). Design and implementation of an innovative dichotomous classification e-key to identify fish species. *Proceedings of the 1<sup>st</sup> International Symposium and 10<sup>th</sup> Balkan Conference on Operational Research*, Vol.1, 162-168. Thessaloniki, Greece.
- E37. Kostoglou, V., Vassilakopoulos, M. and Koilias, C. (2012). Implementation of an OR model for the comparison of higher technological education specialties. *Presented at the 25<sup>th</sup> European Conference of Operational Research (EURO XXV)*, 214. Vilnius, Lithuania.
- E38. Papathanasiou, J., Kostoglou, V. and Petkos, D. (2012). A multicriteria comparative analysis of cloud computing services from the user perspective. *Proceedings of the 12<sup>th</sup> Special Conference of HELORS – 9<sup>th</sup> Meeting of Multicriteria Decision Analysis*, 46. ISBN 978-960-363-041-8.
- E39. Kostoglou, V., Vassilakopoulos, M. and Tsikritzis, L. (2013). Modeling a digital guide of higher technological education professions. *Presented at the 26<sup>th</sup> European Conference of Operational Research (EURO/INFORMS MMXIII)*, 326, Rome, Italy.
- E40. Kostoglou, V., Minos, G. and Tsikritzis, L. (2013). Higher education job profiles: A literature review of research work and ICT applications. *Proceedings of the 8th*

*International Conference “New Horizons in Industry, Business and Education” (NHIBE 2013)*, 233-238. Chania, Greece.

- E41. Kostoglou, V., Vassilakopoulos, M. and Ploskas, N. (2013). Towards a web based decision support system for choosing higher education studies. *Proceedings of XI Balkan Conference on Operational Research*, 180-188. Belgrade – Zlatibor, Serbia.
- E42. Vassilakopoulos, M., Kostoglou, V. and Ploskas, N. (2013). A decision support system for choosing higher education studies. *Proceedings of 2nd International Symposium and 24th National Conference on Operational Research*. Athens, Greece.
- E43. Minos, G., Dimou, Y. and Kostoglou, V. (2013). Searching the systematic classification of fishes with the use of barcode. *Proceedings of the 15<sup>th</sup> Hellenic Conference of Ichthyologists*, 158-160. Thessaloniki, Greece. ISBN: 978-960-98007-1-6
- E44. Tsironis, L., Gkoutosidis, D., Karapas, M. and Kostoglou, V. (2013). Towards a unified framework of labor productivity assessment. *Proceedings of 13<sup>th</sup> Special Conference – 10<sup>th</sup> Mulicriteria Decision Analysis Meeting*, 28. Thessaloniki, Greece.
- E45. Drosos, D., Kostoglou, V. and Tsotsolas, N. (2013). Trends and challenges from the use of social networking site (SNSs) in Greece. *Proceedings of 13<sup>th</sup> Special Conference – 10<sup>th</sup> Mulicriteria Decision Analysis Meeting*, 45. Thessaloniki, Greece.
- E46. Ploskas, N., Kostoglou, V. and Vassilakopoulos M. (2014). Mapping of higher education specialties through the implementation of a decision support system. *Book of Abstracts of the 3<sup>rd</sup> International Symposium and 25th National Conference on Operational Research*, 33-34. Volos, Greece.
- E47. Kostoglou, V., Ploskas, N. and Vassilakopoulos, M. (2014). Personalized User Information on a Decision Support System Supporting the Choice of Higher Education Specialty. *Presented at the 20<sup>th</sup> Conference of the International Federation of Operational Research Societies (IFORS 2014)*. Barcelona, Spain.
- E48. Minos, G., Kostoglou, V. and Tsilvelis, S. (2014). Development of a digital checklist of Greek fish fauna. *Poster at the 1<sup>st</sup> International Congress of Applied Ichthyology and Aquatic Environment – HydroMedit 2014*. Volos, Greece.
- E49. Siakas K., Kostoglou V. (2014). Diagnosing Problem Areas and Proposing Therapy for Family Businesses (Mechanizmy wspierania procesow decyzyjnych na przykladzie gospodarstw rodzinnych w Grecji). *Proceedings of International Scientific Conference Economic and Legal Mechanisms of Support and Protection of Family Farming in Poland and other Countries of the European Union*, 295-306 Warsaw, Poland (in English and Polish).
- E50. Kostoglou, V., Ploskas N., Papathanasiou, J. and Charitakis, G. (2015). Monitoring the ranking of the IT departments of the Greek Technological Educational Institutes over time. *Proceedings of 14<sup>th</sup> Special Conference – 11<sup>th</sup> Mulicriteria Decision Analysis Meeting*, 24. Agrinio, Greece.
- E51. Paschalidou, G., Vesyropoulos, N., Kostoglou, V., Stiakakis, E. and Georgiadis, C. K. (2015). Evaluation of educational open-source software using multicriteria decision analysis methods. *Presented at the 81st Meeting of the European Working Group «Multiple Criteria Decision Aiding»*, Annecy, France.
- E52. Dragoslis, A., Digkoglou, P., Kostoglou, V. and Papathanasiou, J. (2017). Using fuzzy AHP and fuzzy VIKOR to find the most suitable crops in a region. *Proceedings of XLIV Symposium on Operational Research - International Regional Symposium (SYM-OP-IS 2017)*, 334-338. Zlatibor, Serbia.
- E53. Digkoglou, P., Dragoslis, A., Papathanasiou, J. and Kostoglou, V. (2017). Using AHP and VIKOR to evaluate the hotel industry of eight European countries. *Proceedings of the BRCEBE-ICEBE'17 Conference*, 9-15. Sibiu, Romania.
- E54. Kostoglou, V. and Kafkas, k. (2017). Design and development of an interactive mobile-based decision support system for selecting higher education studies. *Proceedings of the BRCEBE-ICEBE'17 Conference*, 250-258. Sibiu, Romania.
- E55. Xanthopoulos, P., Papathanasiou, J. and Kostoglou, V. (2018). Using DEA to evaluate the performance of European airlines. *Proceedings of 16<sup>th</sup> Special Conference – 12<sup>th</sup> Mulicriteria Decision Analysis Meeting*, 12. Piraeus, Greece.

- E56. Digkoglou, P., Papathanasiou, J. and Kostoglou, V. (2018). Using PROMETHEE to evaluate environmental health in a set of countries. *Proceedings of 16<sup>th</sup> Special Conference – 12<sup>th</sup> Multicriteria Decision Analysis Meeting*, 64. Piraeus, Greece.
- E57. Tarnanidis, T., Papathanasiou, J. and Kostoglou, V. (2019). Implications on marketing mix decisions when Agro-tourism enterprises decide to act internationally with the use of Internet: Ranking of importance of the main factors towards standardization and adaptation. *Proceedings of 8th International Symposium and 30th National Conference on Operational Research*. Patras, Greece.
- E58. Tarnanidis, T., Papathanasiou, J. and Kostoglou, V. (2020). Ranking of importance of the most important social media platforms in hospitality and tourism. *Proceedings of XIV Balkan Conference on Operational Research (Virtual BALCOR 2020)*, 230-232. Thessaloniki, Greece.
- E59. Papaeftimiou, M., Tsaples, G., Papathanasiou, J. and Kostoglou, V. (2023). Climate change opinion analysis on tweets using machine learning techniques. *Proceedings of 9th International Symposium and 31<sup>st</sup> National Conference on Operational Research*. Athens, Greece.
- E60. Kostoglou, V., Papathanasiou, J. and Tarnanidis, T. (2023). How does influencer marketing affect consumer purchase behavior on social media in the fashion industry. *Presented at the 23<sup>rd</sup> Conference of the International Federation of Operational Research Societies (IFORS 2023)*. Santiago, Chile.

## F. Reviewing of scientific work

### Journals and books

- Operational Research - An International Journal
- American Journal of Operational Research (AJOR)
- International Journal of Food Science & Technology
- Book “Optimization Theory, Decision Making, and Operational Research Applications” of Springer Proceedings in Mathematics (PROM)
- International Journal of Multicriteria Decision Making
- Quantitative Methods in Economics
- International Journal of Business Science & Applied Management
- International Journal of Data Analysis Techniques and Strategies
- Journal of Multi-Criteria Decision Analysis
- Journal of Service Science and Management
- Modern Economy
- International Journal of Decision Support Systems
- World Journal of Economic and Finance
- Global Journal of Management and Business
- International Journal of Sustainable Agricultural Management and Informatics (IJSAMI)
- Scientific Journal of Warsaw University of Life Sciences - SGGW
- Education + Training
- Journal iB
- MethodsX
- Computer Science and Information Systems

### Conferences

- 3<sup>rd</sup> National Conference with international participation “Didactics of Mathematics and Informatics in Education” (1997)
- 6<sup>th</sup> National Conference “Didactics of Mathematics and Informatics in Education” (2003)
- 5<sup>th</sup> International Conference on Technology and Automation (ICTA’05) (2005)
- 17<sup>th</sup> National Conference in Operational Research (2005)
- 5<sup>th</sup> International Conference New Horizons in Industry Business and Education (NHIBE ’07) (2007)
- International Advanced Workshop on Information and Communication Technologies for Sustainable Agri-production and Environment - AWICTSAE (2008)

- 21<sup>st</sup> National Conference in Operational Research (2009)
- 6<sup>th</sup> International Conference New Horizons in Industry Business and Education (NHIBE '07) (2007)
- 9<sup>o</sup> Special Conference of Hellenic Operational Research Society (2010)
- 7<sup>th</sup> International Conference New Horizons in Industry Business and Education (NHIBE '07) (2009)
- 6th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA) (2013)
- 15<sup>th</sup> International Conference on Quantitative Methods in Economics - QME 2014 (2014)
- 7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA) (2015)

## G. Participation in committees

- Session chair at the 20<sup>th</sup> European Conference in Operational Research (2004)
- Session chair at the International Conference «Global Integration of Graduate Programmes» - GIGP 2004 (2004)
- Session chair and member of the scientific committee of the International Conference «Global Integration of Graduate Programmes»- GIGP 2005 (2005)
- Member of the scientific committee of the 18<sup>th</sup> Pan-Hellenic Conference of HELORS (2006)
- Member of the scientific committee of the 5<sup>th</sup> International Conference “New Horizons in Industry, Business and Education -NHIBE (2007)
- Member of the scientific committee of the 19<sup>th</sup> Pan-Hellenic Conference of HELORS (2007)
- Session chair at the International Conference «Global Integration of Graduate Programmes” - GIGP 2007 (2007)
- Member of the scientific committee of the 9<sup>th</sup> Balkan Conference in Operational Research (2007)
- Member of the scientific committee of the International Advanced Workshop on Information and Communication Technologies for Sustainable Agri-production and Environment - AWICTSAE (2008)
- Member of the scientific committee of the International Conference «Higher Education International Conference (HEIC) 2009» (2009)
- Member of the scientific committee of the 6<sup>th</sup> International Conference “New Horizons in Industry, Business and Education - NHIBE (2009)
- Member of the scientific committee of the 21<sup>th</sup> Pan-Hellenic Conference of HELORS (2009)
- Member of the scientific committee of the 9<sup>th</sup> Special Conference of HELORS (2010)
- Member of the scientific committee of the International Conference «Higher Education International Conference (HEIC) 2010» (2010)
- Member of the scientific committee of the 2<sup>nd</sup> International Conference «Quantitative Methods in Economics - QME 2010», Warsaw, Poland (2010)
- Member of the editorial board of the international journal iBusiness (2010 – today)
- Member of the scientific committee of journal «Quantitative Methods in Economics” (2010)
- Member of the Organizing Committee – President of the organizing body of the 1<sup>st</sup> International Symposium and 10<sup>th</sup> Balkan Conference on Operational Research (2011)
- Member of the scientific committee of the 3<sup>rd</sup> International Conference «Quantitative Methods in Economics - QME 2010», Warsaw, Poland (2011)
- Member of the scientific committee of the 7<sup>rd</sup> International Conference “New Horizons in Industry, Business and Education - NHIBE (2011)
- Member of the scientific committee of the 5<sup>th</sup> International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA) (2011)
- Chair of two sessions at the 1<sup>st</sup> National Conference of the Hellenic Mathematical Society and HELORS (2011)
- Member of the scientific committee of the 13<sup>th</sup> International «Quantitative Methods in Economics (QME 2012), Warsaw, Poland (2012)
- Session chair at the 25<sup>th</sup> European Conference of Operational Research (EURO XXV). Vilnius, Lithuania (2012)

- Member of the scientific committee of the 23<sup>rd</sup> Pan-Hellenic Conference of HELORS (2012)
- Member of the scientific committee of the 12<sup>th</sup> Special Conference – 9<sup>th</sup> Multicriteria Decision Analysis Meeting of HELORS (2012)
- Member of the scientific committee of the 2<sup>nd</sup> Pan-Hellenic Student Conference of HELORS “Green Entrepreneurship and Corporate Social Responsibility” (2012).
- Member of the scientific committee of journal Quantitative Methods in Economics, Vol. XIII (2) (2012)
- Member of the scientific committee of the 8<sup>th</sup> International Conference “New Horizons in Industry, Business and Education - NHIBE (2013)
- Member of the scientific committee of the 6<sup>th</sup> International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA) (2013)
- President of the 13<sup>th</sup> Special Conference – 10<sup>th</sup> Multicriteria Decision Analysis Meeting of HELORS (2013)
- Member of the scientific committee of the 3<sup>rd</sup> Pan-Hellenic Student Conference of HELORS (2014)
- Member of the scientific committee of the 3<sup>rd</sup> International Symposium & 25<sup>th</sup> National Conference on Operational Research (2014)
- Session chair at the 20<sup>th</sup> Conference of the International Federation of Operational Research Societies (IFORS 2014). Barcelona, Spain (2014)
- Member of the scientific committee of the 15<sup>th</sup> International «Quantitative Methods in Economics (QME 2014), Warsaw, Poland (2014)
- Member of the scientific committee of the 14<sup>th</sup> Special Conference – 11<sup>th</sup> Multicriteria Decision Analysis Meeting of HELORS (2015)
- Member of the scientific committee of the 5<sup>th</sup> International Symposium & 27<sup>th</sup> National Conference on Operational Research (2016)
- Member of the scientific committee of the 5<sup>th</sup> Pan-Hellenic Student Conference of HELORS (2017)
- Member of the scientific committee of the 6<sup>th</sup> International Symposium & 28<sup>th</sup> National Conference on Operational Research (2017)
- Member of the scientific committee of the 8<sup>th</sup> Balkan Region Conference on Engineering and Business Education & 10<sup>th</sup> International Conference on Engineering and Business Education (2017)
- Member of the scientific committee of the 16<sup>th</sup> Special Conference – 12<sup>th</sup> Multicriteria Decision Analysis Meeting of HELORS (2018)
- Member of the Organizing Committee at the 31<sup>st</sup> European Conference in Operational Research (2021)

## **H. Lecture notes**

Author of approved lecture and seminar notes on the following subjects:

- Flow Charts for Computer Programming (1986)
- Computer Applications in Marketing (1988)
- Exercises in Quality Control (1989)
- Project Management (1993)
- Labour Market Search Techniques (1997)
- Special Topics of Operational Research (2001)
- Informatics and Society (2001)
- Management Information Systems – MS Project manual (2007)

## **I. Writing of operation manuals of the following computer programmes:**

- WordStar 2000+ (1990)
- Eurokom (International Communication Network) (1994)
- Word 6.0 (1995)
- MS-Project (1995)
- HTPM (Total Project Management Information System) (1994)
- MSIS (Management Science Information System) (1994)
- QSB+, LINDO and MPCODE (Operational Research computer programmes) (1996)

## **AWARDS**

- Honorary award from the Greek Mathematical Association (1975)
- First selection - between 45 candidates of Northern Greece - of the Greek Organisation of Small and Medium Size Enterprises (EOMMEX) of a study for technical support of enterprises, submitted for European Community's relevant programme (1988)
- Best mark - between 33 proposals of all Greek Universities and TEI – awarded by the Ministry of Education for the proposal with title “Operation and development of the Careers Service of TEI of Thessaloniki”, which was submitted for the 3<sup>rd</sup> Community Support Framework of the European Union (2001)
- Best mark - between 13 proposals of all Greek Universities and TEI - awarded by the Ministry of Education for the proposal with title “Establishment of new annexes of Careers Service in the towns of Kilkis, Moudania and Katerini”, which was submitted for the 3<sup>rd</sup> Community Support Framework of the European Union (2005)
- Elected president of the Managing Committee of the Northern Greece branch - Hellenic Operational Research Society (HELORS) (2010-2014)
- Visiting professor, Warsaw University of Life Sciences, Poland (2012, 2016, 2019, 2022)
- Honorary award from the Hellenic Operational Research Society (2015)

## **SCIENTIFIC ACTIVITIES**

- Current full member of the following professional associations:
  - European Federation of Operational Research (EURO)
  - Hellenic Operational Research Society (HELORS)
    - 03/2009 – 07/2021: Elected Vice-president of the HELORS Managerial Council
    - 06/2010 – 10/2014: Elected president of the Managing Committee of the Northern Greece branch
  - Greek Computer Society
  - Technical Chamber of Greece
  - Hellenic Association of Mechanical Engineers
- ECQA Certified EU Project Manager - Job Role Committee Member (JRC)
- ECQA Certified Social Responsibility Manager - Job Role Committee Member (JRC)
- ECQA Certified Social Media Networker
- ECQA Certified Valorization Manager
- Referee in 7 journals and 13 conferences
- Participation in the scientific committee of 15 conferences
- Certified contractor of projects for the public sector in project areas:
  - No. 5: Organisational and Operational Research Studies
  - No. 9: Mechanical and Electrical Engineering Studies
- Publisher of the two-monthly newspaper “BRIEFING” of the Careers Service of TEI of Thessaloniki (01/1998 – 06/2008).
- Publisher of the two-monthly newspaper “ENTERPRISE ATTEMPT” of the Careers Service of TEI of Thessaloniki (01/2005 – 09/2006).
- Taught for short periods courses on Operational Research topics at the following Universities:
  - University of Messina, Italy *Ιταλία* (2004)
  - University of Bordeaux I, France (2006)
  - University of Sunderland, UK (2007)
  - University College Ghent, Belgium (2008, 2009, 2010, 2011, 2014)
  - Warsaw University of Life Sciences, Poland (2009, 2012, 2016, 2019, 2022)
  - University of Cardiff, Wales, UK (2010)
  - University of La Rochelle, France (2015)
  - Chengdu University, China (2015, 2019)
  - University of Ottawa, Canada (2019)