CURRICULUM VITAE

Professor NIKOLAOS MATSATSINIS

1. PERSONAL DETAILS

Professor Emeritus
Specialty: Intelligent Decision Support Systems
School of Production Engineering & Management
Technical University of Crete
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2. CURRENT POSITIONS

President of Hellenic Operational Research Society (HELORS), member of EURO & IFORS (http://www.eeee.org.gr). He has previously served as President of the HELORS five times (2009-2010; 2011-2012; 2017-208; 2019-2020; 2021-2022) and as Vice-President two times (2013-2014; 2015-2016).

Chief Editor of the Scientific Journals:

- **Operational Research: An International Journal** (**since 2013**), **Springer (2023 Impact Factor: 2,3).**

- **International Journal of Decision Support Systems** (**since 2015**), **InderScience.**

Μέλος του Editorial Board:

- **Journal of Knowledge Management (2021 Impact Factor: 8.689)**

- **International Journal of Multicriteria Decision Making (IJMCDM)**

 On **Stanford University's 2024 list of the top 2%** of the most influential scientists in the world, based on his overall scientific work in the scientific fields: Artificial Intelligence & Image Processing, Operations Research, and Information & Communication Technologies.

3. EDUCATION

1995   Ph.D. in: Intelligent Multicriteria Decision Support System for Marketing Decisions, Department of Production and Management Engineering, Technical University of Crete

1994   5th International Summer School on Multicriteria Decision Aid', Chania, Crete, Greece

1984   Information Systems Analyst - Programmer, Hellenic Productivity Centre (2 years course)

1980   Diploma in Physics, Aristotelion University of Thessaloniki, Greece

4. ACADEMIC-TEACHING EXPERIENCE

4.1 Academic Experience

2021-2024   Director of the Inter-Institutional Interdepartmental Postgraduate Studies Program 'Intelligent Systems' co-organized by the Department of Military Science of the Hellenic Military Academy (HMAS) and the School of Production Engineering and Management of the Technical University of Crete (TUC)

2018-2022   Director of the Postgraduate and Doctoral Programs of the School of Production Engineering & Management of the Technical University of Crete (TUC)

2008-2022   Director of the Decision Support Systems Laboratory (ERGA.S.Y.A.), School of Production Engineering and Management, Technical University of Crete (www.ergasy.tuc.gr).

2016-2022   Director of the Postgraduate Studies Program of the School of Production Engineering & Management of the Technical University of Crete (TUC) in the following study areas:

- Production Systems
- Operations Research
- Organization and Management
- Applied Mathematics in Engineering Sciences

2016-2022   Director of the International Interdepartmental Postgraduate Program 'Master in Technology & Innovation Management – MTIM' (Management of Technology and Innovation) co-organized by the School of Production Engineering & Management and the School of Electrical and Computer Engineering, Technical University of Crete (www.mtim.tuc.gr).

2014-2021   Director of the Inter-Institutional Interdepartmental Postgraduate Studies Program 'Systems Engineering' co-organized by the Department of Military Science of the Hellenic Military Academy (HMA) and the School of Production Engineering and Management of the Technical University of Crete (TUC).

2014-2022
2008-2013   Professor of Information and Decision Support Systems at the Department of Production and Management Engineering of the Technical University of Crete, Greece

2013-2014	Visiting Professor at the Institut d'Administration des Entreprises, Université de Rouen, France.
2003-2008	Associate Professor of Information and Decision Support Systems at the Department of Production and Management Engineering of the Technical University of Crete, Greece
1998-2003	Assistant Professor of Information and Decision Support Systems at the Department of Production and Management Engineering of the Technical University of Crete, Greece
1994-1998	Adjunct professor at the Department of Production Engineering and Management of the Technical University of Crete
1990-1994	Assisting faculty members of the Department of Production Engineering and Management of the Technical University of Crete in teaching laboratories and monitoring student work.
1988-1990	Adjunct professor at the School of Administration and Economics of the Technical University of Larissa.

4.2 Academic teaching

2024-2025 As professor in the Postgraduate Studies Program 'Business Administration - MBA', the courses:

- Business Analytics and Decision Making (Winter Semester – co-teaching)
- Information Systems Management & E-Governance (Spring Semester)

2024-2025 As professor in the Interdepartmental Postgraduate Program 'Technology and Innovation Management - MTIM' co-organized by the School of Production Engineering and Management with the School of Electrical and Computer Engineering in the course:

Decision Analysis & Risk Management (Winter Semester, co-teaching)

2024-2025 As professor in the Inter-Institutional Interdepartmental Postgraduate Programs organized by the Hellenic Military Academy and the School of Production Engineering & Management, the courses:

DPMS Operations Research and Decision Making:

• Decision Analysis and Risk Management (Winter Semester - co-teaching)

• Group Decision Making (Spring Semester - co-teaching)

DPMS Intelligent Systems:

- Systems Management & Evaluation (Winter Semester)
- Business Intelligence, Business Analytics and Data Science (Spring Semester)
- Intelligent Decision Support Systems (Spring - co-teaching)

2024-2025 As professor at the Department of Production Engineering and Management of the Technical University of Crete, the courses in the Doctoral Studies Program of the School of Management:

- Business Intelligence and Data Analytics
- Special topics in Information Systems and Decision Systems

2023-2024 As a professor in the Postgraduate Studies Program 'Business Administration - MBA', the courses:

- Business Analytics and Decision Making (Winter Semester)
- Information Systems Management & E-Governance (Spring Semester)

2023-2024 As professor in the Inter-Institutional Interdepartmental Postgraduate Programs organized by the Hellenic Military Academy and the School of Production Engineering & Management, the courses:

Master of Operations Research and Decision Making:

- Decision Analysis and Risk Management (Winter Semester - co-teaching)
- Group Decision Making (Spring Semester - co-teaching)

Master of Intelligent Systems:

- Systems Management & Evaluation (Winter Semester)
- Business Intelligence, Business Analytics and Data Science (Spring Semester)
- Intelligent Decision Support Systems (Spring - co-teaching)

2022-2023 As a professor at the Department of Production Engineering Management of the Technical University of Crete, the courses:

- Decision Support Systems (6th semester)
- Business Intelligence, Analytics and Big Data Analysis (9th semester)
- Special Topics in Information Systems and Decision Systems (Postgraduate course – Spring semester)

2022-2023 As a teaching professor in the Graduate Program 'Business Administration - MBA', the courses:

- Business Analytics and Decision Making (Winter Semester)
- Management of Information Systems & Decision Systems (Winter Semester)
- Information Systems and E-Government (Spring Semester)
- E-Business and Digital Marketing (Spring Semester)

2022-2023 As professor in the Inter-Institutional Interdepartmental Postgraduate Programs organized by the Hellenic Military Academy and the School of Production Engineering & Management, the courses:

DPMS Operations Research and Decision Making:
• Decision Analysis and Risk Management (Winter Semester - co-teaching)
• Group Decision Making (Spring Semester - co-teaching)
DPMS Intelligent Systems:
• Systems Management & Evaluation (Winter Semester)
• Business Intelligence, Business Analytics and Data Science (Spring Semester)
- • Intelligent Decision Support Systems (Spring - co-teaching)

2018-2022 As a teaching professor in the Interdepartmental Postgraduate Program 'Technology and Innovation Management - MTIM' co-organized by the School of Production Engineering and Management with the School of Electrical and Computer Engineering in the courses:
• Business Intelligence and Knowledge Management (Spring Semester, co-teaching)
- • Decision Analysis & Risk Management (Winter Semester, co-teaching)

2018-2022 As a teaching professor in the Graduate Program 'Business Administration - MBA', the courses:
• Business Analytics and Decision Making (Winter Semester: 2021-22)
• Management Information Systems & Decision Systems (Winter Semester: until 2021)
• Information Systems and E-Government (Spring Semester, co-teaching)

- • E-Business and Digital Marketing (Spring Semester, co-teaching)

2021-2022 As a teaching professor in the Inter-Institutional Interdepartmental Postgraduate Programs organized by the Hellenic Military Academy and the School of Production Engineering & Management, the courses:

DPMS Operations Research and Decision Making:

• Decision Analysis and Risk Management (First Semester - co-teaching)

• Group Decision Making (Spring Semester - co-teaching)

DPMS Intelligent Systems:

• Systems Management & Evaluation (Winter Semester)

• Business Intelligence, Business Analytics and Data Science (Spring Semester)

- • Intelligent Decision Support Systems (Spring - co-teaching)

2015-2021 As professor in the Inter-Institutional Interdepartmental Postgraduate Programs organized by the Hellenic Military Academy and the School of Production Engineering & Management, the courses:

Master of Applied Operations Research and Analysis:

- Decision Analysis (1st Semester - co-teaching)
- Group Decision Making and Negotiations (2nd Semester - co-teaching)
- Advanced Issues in Decision Support Systems (2nd Semester - co-teaching)

Master of Systems Processing:

- Systems Management & Evaluation (3rd Semester - co-teaching)
- Distributed Artificial Intelligence & Multi-Agent Systems & Intelligent Systems (3rd Semester - co-teaching)

2020-2022 As professor in the Inter-Institutional Postgraduate Studies Program organized by the Department of Tourism Management and the Department of Wine, Vine and Beverage Sciences of the University of West Attica in collaboration with the single-departmental School of Production Engineering and Management of the Technical University of Crete, the course:

- E-Business and Digital Marketing (Winter Semester)

2018-2022 As professor in the Doctoral Program of the Department of Production Engineering and Management, the course:

- Business Intelligence and Data Analytics (Winter Semester)

2014-2022 As a professor at the Department of Production Engineering Management of the Technical University of Crete, the courses:

- Decision Support Systems (6th semester)
- Business Intelligence, Analytics and Big Data Analysis (9th semester)
- Micro-Medium Enterprises and Innovation (8th semester) – Also taught in the Departments of Electrical & Computer Engineering, Mineral Resources Engineering, Environmental Engineering and Architectural Engineering.
- Decision Making in Multi-Agent Systems (Postgraduate course – Winter semester)
- Advanced Issues of Information and Decision Systems (Postgraduate course – Spring semester)

2011-2013 As a professor at the Department of Production Engineering and Management of the Technical University of Crete, the courses:

- Decision Support Systems (6th semester)

- E-Business (6th semester)
- Small and Medium Enterprises and Innovation (8th semester)
- Distributed Artificial Intelligence and Multi-Agent Systems (Postgraduate course – Winter semester)
- Advanced Issues of Information and Decision Systems (Postgraduate course – Spring semester)

2010-2011 As a professor at the Department of Production Engineering Management of the Technical University of Crete in the courses:

- Small and Medium Enterprises and Innovation (8th semester)
- Distributed Artificial Intelligence and Multi-Agent Systems (Postgraduate course – Winter semester)
- Advanced Issues of Information and Decision Systems (Postgraduate course – Spring semester)

2009-2010 As professor at the Department of Production Engineering Management of the Technical University of Crete in the courses:

- Decision Support Systems (6th semester)
- Small and Medium Enterprises and Innovation (8th semester)
- Distributed Artificial Intelligence and Multi-Agent Systems (Postgraduate course – Winter semester)

2008-2009 As professor at the Department of Production Engineering and Management of the Technical University of Crete in the courses:

- Decision Support Systems (6th semester)
- Marketing (7th semester)
- Distributed Artificial Intelligence and Multi-Agent Systems (Postgraduate course – Winter semester)

2007-2008 As a teaching professor at the Department of Production Engineering Management of the Technical University of Crete in the courses:

- Decision Support Systems (6th semester)
- Advanced Issues of Information and Decision Systems (Postgraduate course – Spring semester)
- Distributed Artificial Intelligence and Multi-Agent Systems (Postgraduate course – Winter semester)

2005-2007 As a teaching professor at the Department of Production Engineering and Management of the Technical University of Crete in the following courses:

- E-Commerce & Computer Networks (4th semester)
- Decision Support Systems (6th semester)
- Advanced Issues of Information and Decision Systems (Postgraduate course – Spring semester)
- Distributed Artificial Intelligence and Multi-Agent Systems (Postgraduate course – Winter semester)

2004-2005 As a teaching professor at the Department of Production Engineering Management of the Technical University of Crete in the courses:

- Knowledge and Decision Engineering (3rd semester)
- E-Commerce & Computer Networks (4th semester)
- Decision Support Systems (6th semester)

- Advanced Issues of Information and Decision Systems (Postgraduate course – Spring semester)
- Distributed Artificial Intelligence and Multi-Agent Systems (Postgraduate course – Winter semester)

1998-2004 As a teaching professor at the Department of Production Engineering and Management of the Technical University of Crete in the following courses:

- Programming Methodology (1st semester)
- Algorithms and Data Structures (2nd semester)
- Knowledge and Decision Engineering (3rd semester)
- Software Technology (4th semester)
- E-Commerce & Computer Networks (4th semester)
- Decision Support Systems (6th semester)
- Advanced Issues of Information and Decision Systems (Postgraduate course – Spring semester)
- Distributed Artificial Intelligence and Multi-Agent Systems (Postgraduate course – Winter semester)

1994-1998 Lecturer at the Department of Production Engineering and Management of the Technical University of Crete in the courses:

- Introduction to Computers and Informatics (1st Semester)
- Operations Research Methodology (1st Semester)
- Data and File Structures (3rd Semester)
- Mining Operations Research (7th Semester - Department of Mineral Resources Engineering)
- Software Technology (4th Semester)
- Management Information Systems (6th Semester)
- Decision Support Systems (6th Semester)
- Data Analysis (7th Semester)
- Advanced Issues of Information and Decision Systems (postgraduate course)

1990-1994 Assisting faculty members of the Department of Production Engineering and Management of the Technical University of Crete in teaching laboratories and monitoring work in the following courses:

- Operations Research (1st semester)
- Linear Programming (4th semester)
- Data Analysis (6th semester)

1988-1990 Adjunct professor at the School of Management and Economics of the Technical University of Larissa in the Computer Science courses:

- Computer Programming

5. RESEARCH INTERESTS & DISTINCTIONS

5.1. RESEARCH INTERESTS

Intelligent Decision Support Systems; Operations Research; Optimization; Multicriteria Decision Analysis; Group Decision Making; Artificial Intelligence; Machine Learning; Multi-Agent Systems; Combinatorial Optimization; Evolutionary Algorithms and Nature Inspired Algorithms; VRP; Recommender Systems; Business Intelligence/Analytics; etc.

5.2. INVITATIONS - DISTINCTIONS - AWARDS - SCHOLARSHIPS

1. In the list published by **Stanford University and Elsevier** in 2024, with the **2% of the top scientists** with the most influence in the world, based on their total scientific work, in the scientific fields of Artificial Intelligence & Image Processing, Operations Research and Information & Communication Technologies (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/7). .

2. According to the scientific analysis platform **ScholarGPS™**, he is ranked #1 in the subject of Intelligent Decision Support Systems, for his total scientific contribution (Highly Ranked Scholars™ Specialty Lifetime) (https://scholargps.com/rankings/institutional_highly_ranked_scholars.php?id=60280295405536&ranking_duration=LIFETIME&type=specialty&sort=rank).

3. **Member** of the Jury of Bernard Roy Award 2023 (Roman Slowinski, Salvatore Greco, Maria-Franca Norese, Constantin Zopounidis, Nikos Matsatsinis).

4. **Plenary Speaker at ECCO XXXV - CO 2022 Joint Conference** (European Chapter on Combinatorial Optimization), Topic: Evolutionary and Swarm Intelligence Algorithms for Combinatorial Optimization Problems, June 9–11, 2022 (https://ecco2022.euro-online.org/#plenary).

5. **Keynote Speaker at ICORES 2022**: 11th International Conference on Operations Research and Enterprise Systems in conjunction with ICAART 2022, Topic: Intelligent Multi-Criteria Decision Support Systems & Applications, 3-5 February 2022, (https://icores.scitevents.org/KeynoteSpeakers.aspx?y=2022#1).

6. **Keynote Speaker at SYM-OP-IS 2021**: XLVIII International Symposium on Operational Research, Topic: Intelligent Multi-Criteria Decision Support Systems & Applications, Banja Koviljača, Serbia, 20-23 September 2021 (http://symopis2021.matf.bg.ac.rs/index.php?page=invited-speaker).

7. **Lecturer in: LION Summer School** - MACHINE LEARNING AND INTELLIGENT OPTIMIZATION APPLIED TO TOURISM AND HOSPITALITY, Topic: Multi-Criteria Recommender Systems in Tourism and Hospitality, July 5-9, 2019, Trento, Italy (https://www.summerschoolsineurope.eu/course/12021/multi-criteria-recommender-systems-in-tourism-and-hospitality).

8. **Bronze Award of the Healthcare Business Awards 2019** in the category: Research Project in Universities/ Educational Institutions/ Research Centers. The award was awarded to the research team of the Decision Support Systems Laboratory (ESL) for the application 'Evaluation of Hospital Organizations Strategy using Simulation and Multi-Criteria Analysis techniques.'. The research team consisted of: Professor Nikolaos Matsatsinis (Director of ESL), Professor Evangelos Grigoroudis, Assistant Professor (Ionian University) Panagiotis S. Manolitzas and Iason Christodoulou, Production and Management Engineer of the Technical University of Crete.

9. **Gold Award of the Healthcare Business Awards 2017** in the category: Research Project in Universities/ Educational Institutions/ Research Centers. The award was given to the research team of the Decision Support Systems Laboratory (ERGASYA) for the application 'Praxagoras: Decision

Support System for Hospital Organization Administrators'. The research team consisted of: Professor Nikolaos Matsatsinis (Director of ERGA.SYA), Associate Professor Evangelos Grigoroudis, Dr. Panagiotis S. Manolitzas (Lecturer, Technical University of Crete) and Professor Athanasios Spyridakos (Dean, School of Management & Economics, University of Piraeus, Technological Sector).

10. **Invited speaker at: EWG-DSS Thessaloniki-2013**, Exploring New Directions for Decisions in the Internet Age, 29 - 31 May 2013, Thessaloniki, Greece (http://ewgdssthessaloniki2013.wordpress.com/program/special-talks/nikolaos-matsatsinis/).

11. **Invited speaker at a Scientific Conference at the Hellenic Military Academy** 11 & 12 April 2011, on the topic: Decision Support using Multicriteria Analysis Methods.

12. **Invited speaker at the 6th Student Conference of the HELORS**, 'Operations Research and National Production Model', Xanthi 28 February – 2 March 2019, Department of Production Engineering and Management, Polytechnic School of Xanthi, Democritus University, on the topic: Intelligent Systems Decision Support' (https://www.youtube.com/watch?v=ORJssbLz3fI).

13. **Citation of Excellence**: The paper 'MARKEX: An intelligent decision support system for product development decisions, European Journal of Operational Research, vol. 113, no. 2, 1999, has been cited with the Highest Quality Rating by ANBAR (EMERALD) Electronic Intelligence (10% of all authors whose work is reviewed within Anbar International Management Data Base. The DB contains no less than 90,000 pieces from over 400 of the world's top Management Journals).

14. **Invitation** from the University of Cyprus (2000), for a speech on the topic: "Intelligent Decision Support Systems in Marketing".

15. **Honorable Mention** from the Hellenic Society of Operations Research for the Organization of the 2nd Special Panhellenic Conference on the topic: Information Systems in the Agricultural Sector, Chania, 12, 13 and 14/10/2000.

16. **Honorable Mention** from the Hellenic Society of Operations Research for the Organization of the 7th Special Conference of the Hellenic Society of Operations Research (5th Meeting of Multi-Criteria Decision Analysis), Technical University of Crete, September 2007, Chania, 30/9/2008, Chania.

17. **Honorable Mention** from the Hellenic Society of Operations Research for the Organization of the 1st National Conference of the Hellenic Mathematical Society and the Hellenic Society of Operations Research, Applications of Mathematics in Management, Economics, Production and Education, 24-26 June 2011, Athens.

18. **Diploma Thesis Award** of Ch. Marentakis, prepared under my supervision, entitled: Integrated Logistics and Product Distribution Systems: Design of a Decision Support System for the Distribution of Ready-Mixed Concrete, by the Technical Chamber of Greece.

19. **State Scholarships Foundation** (IKY- https://www.iky.gr/en/): Scholarship for my admission to the Department of Civil Engineering of the School of Engineering of the Aristotle University of Thessaloniki.

20. **State Scholarships Foundation** (IKY- https://www.iky.gr/en/): Scholarship for my admission to the Department of Physics of the School of Physics and Mathematics of the Aristotle University of Thessaloniki.

5.3. CITATIONS

Citations to my scientific works have been made in more than 1288 (Clarivate Web of Science), 2016 (Scopus), 4385 (Scholar) and 4850 (Publish or Perish), scientific works of other researchers.

5.4. MEMBER OF SCIENTIFIC GROUPS

- President of the Hellenic Society of Operational Research (HELORS) for six terms, (2009-2010, 2011-2012, 2017-2018; 2019-2020; 2021-2022; 2023-2024).
- Vice-President of the Hellenic Society of Operational Research (HSO) for two terms (2013-2014; 2015-2016).
- He is member of Hellenic Society of Operational Research (HELORS) since 1990,
- IFORS Representative for the years: 2009-2018
- Coordinator of the Multi-Criteria Analysis Group of the Hellenic Operations Research Society (H.E.E.O.) (2017-2025).
- Member of the International Society on Multiple Criteria Decision Making (MCDM)
- Member of the Euro Working Group on Multicriteria Decision Aid (EWG-MCDA)
- Member of the Euro Working Group on Decision Support Systems (EWG-DSS)
- Member of the Euro Working Group on Combinatorial Optimization (ECCO)
- Member of the Euro Working Group on Health Services (ORAHS)
- Member of the Euro Working Group for Commodities and Financial Modelling (EWGCFM)
- Member (AMM 2138) of the Hellenic Society of Computer and Information Scientists (E.P.Y) (Member of IFIP, CEPIS).
- Member of the IEEE Computer Society (member no: 41383845).
- Member of the American Association for Artificial Intelligence (AAAI) (member no: 49735).
- Member of the International Consortium for Electronic Business
- Member of the International Network for Engineering Education and Research (iNEER)
- Member of the Hellenic Society of Informatics and Communications in Agriculture and of the European Federation for Information Technology in Agriculture, Food and the Environment (EFITA).
- Member of the Union of Hellenic Physicists (E.E.F).

5.5. RESEARCH PROJECTS

Prof. Matsatsinis has participated as Scientific Coordinator or Senior Recearch in over of 50 Research Projects. Below a selection of these programs is given:

- Development of an Integrated Knowledge-Based Decision Support System for Differentiated Agricultural Products - 'DIMITRA' (Funded by European Community - FAIR: CT95 – 0844, Conducted by Decision Support Systems Laboratory - Scientific Coordinator) (1996-2001)

- The Greenways Project, YOUTHSTART (1996 – 1997)

- The Green-Enterprises Project, YOUTHSTART (1997-2000)

- Development of a GIS based system for tourist information (Funded by European Community and the Hellenic Ministry of Labor and Social Affairs – Youthstart – The Green Enterprises, Conducted by Decision Support Systems Laboratory - Scientific Coordinator)) – (1997-2000)

- Enhancing Engineering Education in Europe, European Commission, SOCRATES II - Thematic Network E4 (2002-2004)

- Development of an EU certification system for information technology qualifications, Leonardo da Vinci (1997 – 2001) 'AGENTLINK II' (Funded by European Commission - IST (Information Society Technologies, Conducted by Technical University of Crete) (2003-2005)

- 'AGENTLINK II & III' (Funded by European Commission - IST (Information Society Technologies, Conducted by Technical University of Crete) (2003-2008)

- SYNERGY, European Commission, Joint Actions Socrates, Leonardo da Vinci and Youth Programmes, 2003-0687/001-001 JAC (2003 – 2004)

- Q-Label: Qualifying Labour for Enlargement European Commission, PHARE, 2003/076-446/12 (2004 – 2006)

- Thematic Network TREE: Teaching and Research in Engineering in Europe, European Commission, SOCRATES Action: ERASMUS - Thematic Network Projects, 116340-CP-1-2004-1-IT-ERASMUS-TN (2004-2007)

- 'Modeling Methodology and Intelligent Computational Optimization of Autonomous Vehicles Group' (Funded by Hellenic Ministry of National Education ΕΠΕΑΕΚ II - 'ΗΡΑΚΛΕΙΤΟΣ', Conducted by the Decision Support Systems Laboratory - Scientific Coordinator) (2003-2006)

- Development of a MultiCriteria Multi-Agent System based on Consumer Behavior Analysis for Supporting Strategic Marketing Group Decision Making (Funded by General Secretariat of Research and Development - Hellenic Ministry of Development - ΠΕΝΕΔ 2003, Conducted by the Decision Support Systems Laboratory - Scientific Coordinator) (2005-2008)

- AD-RURAL, European Union, Leonardo da Vinci (2006-2008).

- TREE-diss: Lifelong Learning Programme – Project no.: 135740-LLP-1-2007-1-IT-ERASMUS-EAM (2007-2008)

- Methodological Approaches for Studying Robustness in Multiple Criteria Decision-Making Projects, project conducted by the University of Piraeus, and financed by the Greek Ministry of Education (Thales programme) (2012-2015)

- POSEIDON-Development of an intelligent system for monitoring marine areas based on camera series and sensor nets, project conducted by the Technical University of Crete, and financed by the Interreg Cross-border Cooperation Programme "Greece-Cyprus 2007-2013"

- Resource Management Optimization in Nursing Organizations, Basic Research, Technical University of Crete (June 2011 - May 2014)

- BIOPOLIS: Long-term Preservation of User Content - Experiences of Culture, MINISTRY OF EDUCATION, LIFE LEARNING AND RELIGION, GENERAL RESEARCH SECRETARIAT (2011)

- THALIS: METHODOLOGICAL APPROACHES FOR STUDY ROBUSTNESS IN MULTIPLE CRITERIA DECISIONMAKING PROJECTS, Strengthening Interdisciplinary and Research and Innovation by attracting high-level researchers from abroad by conducting basic and applied excellence research» of operational research program 'Education and Lifelong Learning' (2012 – 2015).

- STRATraining: Training trainers in Strategy for VSEs, European Union, Leonardo da Vinci - PROJECT No. 2013- 1-FR1-LEO05-48380 (January 2013 – December 2015)

- Marie Curie Industry-Academia Partnerships and Pathways (IAPP): FOUR-DIMENSIONAL CULTURAL HERITAGE WORLD (4D CH WORLD), FP7-PEOPLE-2012-IAPP (2013 –2017)
- COST - IS1304: Expert Judgment Network: Bridging the Gap Between Scientific Uncertainty and Evidence-Based Decision Making (September 2013 – September 2017)
- INNOVAGRO: Development of an innovative network for the promotion of extroversion of agro-food companies in INTERREG V-B ADRIATIC IONIAN 2014-2020 (ADRION): Project Number: 613 (Νοέμβριος 2017 – Οκτώβριος 2019)

6. ADMINISTRATIVE EXPERIENCE

2013-2017   Member of the Board of Administration of the Technical University of Crete

2014-2024   Director of Postgraduate Programs:

- Interdepartmental International Master of Technology & Innovation Management (MTIM) (www.mtim.tuc.gr)
- Master in Business Administration (MBA) (www.pem.tuc.gr)
- Product Design and Production (www.prodes.pem.tuc.gr)
- Interinstitutional Postgraduate Program with the Hellenic Military Academy 'Intelligent Systems' (www.sse-tuc.edu.gr)

Vice Director of the Interinstitutional Postgraduate Program with the Hellenic Military Academy 'Operational Research and Decision Making'

2011-2017   Member of the Strategic Planning Committee of the Department of Production Engineering and Management of the Technical University of Crete

2008-2022   Coordinator of the Internal Evaluation Team (OMEA) of the Department of Production and Management Engineering of the Technical University of Crete

2007-2011   Dean of the Department of Production Engineering and Management of the Technical University of Crete (two terms)

2008-2022   Director of the Decision Support Systems Laboratory (ERGASYA)

2005-2007   Deputy Dean of the Department of Production Engineering and Management of the Technical University of Crete

2007-2008   Member of the Internal Regulations Committee of the Technical University of Crete

2008-2009
2005-2006   Alternate Member of the Student Disciplinary Council of the Technical University of Crete

2003-2007   Member of the Computer Science and Networks Committee of the Technical University of Crete

2005-2007   Member of the Board of the Interdepartmental Postgraduate Program: "Quality Control & Environmental Management", of the Technical University of Crete.

2005-2008   Representative of the Technical University of Crete in the Central Committee for Foreign Transfer Examinations (K.E.E.M.E.)

2002-2005	Deputy Representative of the Technical University of Crete to the Central Committee for Foreign Transfer Examinations (K.E.E.M.E.)
2004-2005 **2000-2001**	Elected representative of the faculty members of the Department of Production Engineering and Management in the Senate of the Technical University of Crete.
1998; **2001-2007**	Coordinator of the Studies Committee of the Department of Production Engineering and Management of the Technical University of Crete.
2000-2004	Member of the Library Committee of the Technical University of Crete
1995-1998	Special Adviser to the Prefecture of Chania
1978-1980	Second Lieutenant of Transmissions specializing in Very High Ground Frequencies (LHF) and Material - Supplies Management.

7 THESIS SUPERVISION

7.1. SUPERVISION OF DOCTORAL DISSERTATIONS

Completed:

1998 - 2004	**Samaras Georgios:** 'Development of an Intelligent Decision Support System for Portfolio Composition and Management' (in Greek).
1999 - 2005	**Politis Ioannis**: 'Contribution of multi-criteria analysis to quality systems' (in Greek).
2002 - 2008	**Doitsidis Eleftherios**: 'Methodology for modeling and optimization of computational intelligence of a group of autonomous vehicles' (Funding from the PYTHAGORAS program; in Greek).
2005 - 2009	**Delias Pavlos:** 'An Agent-based Workflow Management System for Marketing Decision Support' (Funding from the PENED program). The PhD was prepared in collaboration with the Technical University of Crete and the Universite Paris-Dauphine, France.
2005 - 2010	**Lakiotaki Kleanthi:** 'An integrated Recommender System based on Multi-Criteria Decision Analysis and Data Analysis methods: Methodology, implementation and evaluation' (Funded by the PENED program). The PhD was prepared in collaboration with the Technical University of Crete and the Universite Paris-Dauphine, France.
2005 - 2010	**Tsafarakis Stelios:** 'An integrated marketing system for the optimal product line design problem, in a competitive reaction context, based on the qualitative consumer behavior analysis' (Funded by the PENED program). The PhD was prepared in collaboration with the Technical University of Crete and the Universite Paris-Dauphine, France.
2005 - 2012	**Tzoanopoulos Konstantinos:** 'Development of a multi-agent system for the support of group decisions utilizing argumentation and multicriteria methods' (Funded by the PENED program).

2007 - 2013	**Krasadaki Evangelia: '**Methodology for the Assessment of Non-Formal and Non-Certified Knowledge Acquired from Higher Education Courses' (in Greek).
2011 - 2014	**Manolitzas Panagiotis: '**Management of Resources and Processes of Hospital Organizations Using Simulation and Multicriteria Analysis Methods' (in Greek).
2012 - 2016	**Protopapadakis Eftychis:** 'Decision Making via Semi Supervised Machine Learning Techniques'.
2012 - 2016	**Makantasis Konstantinos: '**Semantic Detection of Objects and Events through Visual Cues'.
2013 - 2018	**Ζήσος Γιάννης: '**Development of a Multi-Criteria Recommendation System for Personalized Marketing' (in Greek).
2018 - 2022	**Alexopoulos Argyrios: '**Mathematical modelling of Cyber-Attacks & Proactive Defences'.
2018 - 2022	**Papadopoulos Dimitris:** 'Cognitive Machines Using Machine Learning Methods' (ELIDEK Scholarship) (in Greek).
2017 - 2024	**Kalafati Fotini:** 'Development of an intelligent multi-criteria recommendation system to support marketing decision-making' (in Greek).

Under development:

- **Karabatsa Marina**: Retail Category Management: the development of a category planning optimization model
- **Sakellaris Alkaios**: System Dynamics and Multi-Criteria Analysis: Methods and Applications in Economics and Marketing
- **Xenos Thomas**: Development of a multi-criteria methodology and a dynamic decision support system for the integrated design and management of health systems
- **Miteloudi Konstantina**: Design and development of a decision support system for medical applications using cyber-physical systems and methods of multi-criteria analysis and machine learning
- **Valelis Artemios**: Development of a methodology for the interconnection and compliance of Public Sector Information Systems with the General Data Protection Regulation: The case of the Ministry of Finance

Member of Member Doctoral Dissertation Committees

He participated in dozens of doctoral theses either as a member of the advisory committees or as a member of the doctoral thesis's examination committees.

Supervision of master's and diploma theses

He has supervised more than 150 master's theses and more than 250 engineering diploma theses.

8. PUBLICATIONS

PhD Thesis:

'Development of an Intelligent Multicriteria Decision Support System for Marketing Decisions'

Thereafter a selection of publications is given:

8a. SELECTED BOOKS:

1. Zopounidis, K., M. Doumpos, N.F. Matsatsinis (1996), **Multi-Criteria Intelligent Decision Support Systems for the Evaluation of Business Performance and Sustainability**, Ion Publications, Athens (in Greek).
2. Matsatsinis, N.F. (2001), **Information Systems in the Agricultural Sector**, New Technologies Publications (in Greek).
3. Matsatsinis, N.F. and Y. Siskos (2002), **Intelligent support systems for marketing decisions**, Kluwer Academic Publishers.
4. Grigoroudis, E., M. Doumpos, K. Zopounidis, N. Matsatsinis (2004), **Multicriteria Decision Analysis: Methodological Approaches and Applications**, New Technologies Publications (in Greek).
5. Matsatsinis, N., N. Spanoudakis, A. Samaras (2005), **Introduction to Artificial Intelligence and Multi-Agent Systems**, New Technologies Pub, Athens (in Greek).
6. Matsatsinis, N.F., K. Dimopoulos, N. Nagopoulos, D. Giannakopoulos, A. Spyridakos (2005), **The Impact on Employment of the Enlargement of the European Union and the Development of New Technologies**, Proceedings of an International Conference, Published by: Technical University of Crete (in Greek).
7. Nagopoulos, N., C. Dimopoulos, N. Matsatsinis, D. Giannacopoulos, A. Spyridakos, M. Marangudakis (2005), **Qualifying Labor, Social Issues and New**, Publication: Technical Unniversity of Crete.
8. Matsatsinis, N.F., P. Delias, S. Tsafarakis (2006), **Electronic Commerce and Virtual Enterprises**, Technical University of Crete Publications, Chania (in Greek).
9. Matsatsinis, N., K. Zopounidis (2007), **Multiple Criteria Decision Systems**, Kleidaritmos (in Greek).
10. Matsatsinis, N.F. (2008), **Change Management and Business Intelligence**, New Technologies Publications (in Greek).
11. Zopounidis, C., M. Doumpos, N. Matsatsinis, E. Grigoroudis (2010), **Multiple Criteria Decision Aiding,** Nova Science Publishers, Inc. (ISBN 978-1-61668-231-6), https://www.novapublishers.com/catalog/product_info.php?products_id=29532).
12. Manos, B., C. Paparrizzos, N. Matsatsinis, J. Papathanasiou (2010), **Decision Support Systems in Agriculture, Food and the Environment: Trends, Applications and Advances**, IGI Global, USA.
13. Matsatsinis, N. (2010), **Decision Support Systems**, New Technologies Pub, Athens (in Greek).
14. Matsatsinis, N., V. Grigoroudis, Ch. Gaganis, K. Zopounidis (2010), **Development and Operation of Micro-Medium Enterprises**, Kleidaritmos (in Greek).
15. Marinakis, I., M. Marinaki, N. Matsatsinis, C. Zopounidis (2010), **MetaHeuristics and Evolutionary Algorithms**, Kleidarithmos, Athens (in Greek).
16. Psarras, I., N. Matsatsinis (2012), **Energy Resources & Systems Management**, Proceedings of the 23rd National Conference of the Hellenic Operations Research Society (HELORS). (ISBN: 978-960-87277-8-6) (in Greek).

17. Siskos, Y. N. Matsatsinis, J. Psarras (2014), **Proceedings of <u>2nd International Symposium & 24th National Conference on Operational Research</u>**, Athens, Greece, September 26-28, Hellenic Operational Research Society (HELORS) (ISBN 978-618-80361-1-6).

18. Yannacopoulos, D., P. Manolitzas, N. Matsatsinis, V. Grigoroudis (2014), **Evaluating Websites and Web Services: Interdisciplinary Perspectives on User Satisfaction**, IGI Global (http://www.igi-global.com/book/evaluating-websites-web-services/90538).

19. Manolitzas, P., V. Grigoroudis, N. Matsatsinis, D. Yannacopoulos (2016), **Effective Methods for Modern Healthcare Service Quality and Evaluation**, IGI Global (http://www.igi-global.com/book/effective-methods-modern-healthcare-service/141911).

20. Berbel, J., Th. Bournaris, B. Manos, N. Matsatsinis, D. Viaggi (2018), **Multicriteria Analysis in Agriculture**, Springer, (http://www.springer.com/gp/book/9783319769288).

21. Matsatsinis, N., V. Grigoroudis (2018), **Preference Disaggregation in Multiple Criteria Decision Analysis**, Springer (https://www.springer.com/us/book/9783319905983).

22. Krasadaki, E., G. Baourakis, N. Matsatsinis, K. Zopounidis (2020), **The contribution of OR, new technologies and innovation in agriculture and tourism**, Springer (https://www.springer.com/gp/book/9783030387655).

23. Matsatsinis, N., Y. Marinakis, P. Pardalos (2020), **Learning and Intelligent Optimization, 13th International Conference**, LION 13, Chania, Crete, Greece, May 27–31, 2019, Spriner (https://link.springer.com/book/10.1007/978-3-030-38629-0#toc).

24. Manolitzas, P., C. Zopounidis, M. Talias, E. Grigoroudis, N. Matsatsinis (2020), **Interdisciplinary Perspectives on Operations Management and Service Evaluation**, IGI Global, (https://www.igi-global.com/book/interdisciplinary-perspectives-operations-management-service/247668).

25. Kitsios, F., N. Matsatsinis, G. Aretoulis, P. Delias, M. Kamariotou, M. Madas, J. Papathanasiou, E. Stiakakis, K. Vergidis, Ch. Ziakis (2020), BALCOR 2020: **Book of Proceedings on 'Operational Research in the Era of Digital Transformation and Business Analytics'**, Athens (http://balcor2020.uom.gr/BALCOR_2020_Book_of_Proceedings.pdf).

26. Matsatsinis, N. (2021), **Business Intelligence, Business Analytics and Big Data Analysis**, New Technologies Publications, Athens (in Greek).

27. Matsatsinis, N. (2022), **Decision Support Systems** (2nd Edition), New Technologies Publications, Athens (in Greek).

28. Matsatsinis, N., F. Kitsios, M. Mandas, M. Kamariotou (2023), **Operational Research in the Era of Analytics and Business Transformation - BALCOR 2020**, Thessaloniki, Greece, September 30 - October 3, 2020, Springer Proceedings in Business and Economics, Springer (https://link.springer.com/book/10.1007/978-3-031-24294-6).

29. *Manolitzas, P., V. Grigoroudis, N. Matsatsinis, D. Yannacopoulos (….), **Decision Making in Health Care Services - A Multiple Criteria Approach**, Springer. (under preparation).*

30. *Tsafarakis, S., N. Matsatsinis (….), **Marketing and Big Data Technologies**: New Trends and Applications, Springer (under preparation).*

31. *Matsatsinis, N., P. Pardalos, A. Migdalas (….), **Intelligent Decision Systems**, Springer, (under preparation).*

8b. SPECIAL ISSUES - Guest Editor:

- Assimakopoulos, N.A., N.F. Matsatsinis, C.D. Tarantilis (2002), Special Issue on '**Integrating e-Business and Supply Chain Management'**, **Operational Research: An International Journal**, vol. 2, no. 1 **(2023 Impact Factor 2.3).**

- Zopounidis, C., N.F. Matsatsinis (2005), Special Issue on '**Multicriteria Decision Analysis'**, **Operational Research: An International Journal**, vol. 5, no. 3, September - December 2005, **(2023 Impact Factor 2.3).**

- Matsatsinis, N.F., P. Ipsilantis, G. Samaras (2008), Special Issue on '**Multicriteria Decision Support Systems'**, **Operational Research: An International Journal**, vol. 8, no. 1, (2023 Impact Factor 2.3)**.**

- Matsatsinis, N.F., P. Ipsilantis, G. Samaras (2008), Special Issue on '**Multicriteria Decision Support Systems'**, **Operational Research: An International Journal**, vol. 8, no. 2, (2023 Impact Factor 2.3).

- Matsatsinis, N., Y. Siskos, J. Psarras (2016), Special Issue on **Operations Research Confronting the Crisis, Annals of Operations Research,** vol. 247, no. 2 **(2023 Impact Factor 4.4).**

- Matsatsinis, N., Y. Marinakis, M. Marinaki, P. Pardalos (2021), Special Issue on 'Learning and Intelligent Optimization', **Annals of Mathematics and Artificial Intelligence**, vol. 89-(8/9), August-September 2021 (**2023 Impact Factor 1.2**).

- Mitropoulos, P., E. Grigoroudis, N. Matsatsinis (2020), Special Issue on Optimization Methods in Service Management, **Journal of Global Optimization** (under preparation).

- Matsatsinis, N., R. Vetchera (2023), EURO Special Issue, **European Journal of Operational Research,** vol. 306, no. 3, 1 May 2023, pp. 999 (https://doi.org/10.1016/j.ejor.2022.11.026; **2023 Impact Factor 6**).

- Martello, S., N. Matsatsinis (2024), Recent Advances in Combinatorial Optimization, **Journal of Combinatorial Optimization** (**2023 Impact Factor 0.9;** under publication).

8c. REFEREED PUBLICATIONS

8c.1. Scientific Journals & Books

1. Siskos, Y. and N.F. Matsatsinis (1993), A DSS for market analysis and new product design, **Journal of Decision Systems**, vol. 2, no. 1, pp. 35-60.

2. Baourakis, G., N.F. Matsatsinis and Y. Siskos (1993), The contribution of data analysis models in agricultural marketing, in: Janssen, J. and C.H. Skiadas, (eds.), **Applied Stochastic Models and Data Analysis**, World Scientific, pp. 75-93.

3. Baourakis, G., N.F. Matsatsinis and Y. Siskos (1993), Agricultural product design and development, in: Janssen, J. and C.H. Skiadas, (eds.), **Applied Stochastic Models and Data Analysis**, World Scientific, pp. 1108-1128.

4. Nikolaidis, A., G. Baourakis, P. Dardabounis, N. Matsatsinis, Y. Siskos and C. Xigaki (1993), Production and marketing of Cretan olive oil and wine, **Options Méditerranéennes, Strengthening Endogenous Development Patterns in European Agriculture**, no. 23, pp. 233-243.

5. Baourakis, G., N.F. Matsatsinis and Y. Siskos (1995), Consumer behavioural analysis using multicriteria method, in: Janssen, J., C.H. Skiadas and C. Zopounidis, (eds.), **Advances in Stochastic Modelling and Data Analysis**, Kluwer Academic Publishers, pp. 328-338.

6. Siskos, Y., E. Grigoroudis, N.F. Matsatsinis, G. Baourakis and F. Neguez (1995), Comparative behavioural analysis of European olive oil consumer, in: Janssen, J., C.H. Skiadas and C. Zopounidis, (eds.), **Advances in Stochastic Modelling and Data Analysis**, Kluwer Academic Publishers, pp. 293-310.

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8. Siskos, Y., E. Grigoroudis, N.F. Matsatsinis, G. Baourakis (1995), Preference disaggregation analysis in agricultural product consumer behaviour, in: P.M. Pardalos, Y. Siskos and C. Zopounidis (eds.), **Advances in Multicriteria Analysis**, Kluwer Academic Publishers, pp. 185-202.

9. Baourakis, G., N.F. Matsatsinis and Y. Siskos (1996), Agricultural product development using multidimensional and multicriteria analyses: The case of wine, **European Journal of Operational Research,** vol. 94, no. 2, pp. 321-334 (**2023 Impact Factor 6.0).**

10. Zopounidis, C., N.F. Matsatsinis, M. Doumpos (1996), Developing a multicriteria knowledge-based decision support system for the assessment of corporate performance and viability: The FINEVA system, **Fuzzy Economic Review**, vol. 1, no. 2, pp. 35-53.

11. Siskos, Y., N.F. Matsatsinis, G. Baourakis (1996), Multicriteria analysis in agricultural marketing: The case of French olive oil market, **Document No 97, Université de Paris Dauphine**, **Laboratoire d'Analyse et Modélisation de Systèmes pour l'Aide à la Décision.**

12. Matsatsinis, N.F., I. Sintos, C. Zopounidis (1997), A decision support approach based on multicriteria Q-analysis for the evaluation of corporate performance and viability, in: C. Zopounidis (ed.), **New Operational Approaches for Financial Modelling**, Physica-Verlag, pp. 389 - 403.

13. Matsatsinis, N.F., A. Samaras and H. Hatzis (1997), Using data and knowledge to support strategic marketing decisions, in: F.C. Morabito (ed.), **Advances in Intelligent Systems, Frontiers in Artificial Intelligence and Applications**, vol. 41, IOS Press, Ohmsha.

14. Matsatsinis, N.F., M. Doumpos, C. Zopounidis (1997), Knowledge acquisition and representation for expert systems in the field of financial analysis, **Expert Systems with Applications**, vol. 12, no. 2, pp. 247-262 (**2023 Impact Factor: 7,5, 3*ABS).**

15. Zopounidis C., N.F. Matsatsinis, M. Doumpos (1997), On the use of knowledge-based decision support systems in financial management: A survey, **Decision Support Systems**, vol. 20, pp. 259 – 277 (**2023 Impact Factor 6,7).**

16. Zopounidis C., M. Doumpos N.F. Matsatsinis (1997), Application of the FINEVA multicriteria knowledge-based decision support system to the assessment of corporate failure risk, **Foundations of Computing and Decision Sciences**, vol. 21, no. 4, pp. 233-251.

17. Matsatsinis N.F., H. Hatzis and A. P. Samaras (1998), Identifying Consumer's Preferences Using Artificial Neural Networks Techniques, in: **Managing in Uncertainty: Theory and Practice**, Zopounidis C. and Pardalos P.M, (eds.), Kluwer Academic Publishers, pp. 247-259.

18.   Matsatsinis, N.F., A.P. Samaras (1998), Market Simulations via Rule Induction: A Machine Learning Approach, in: **Managing in Uncertainty: Theory and Practice**, Zopounidis C. and Pardalos P.M, (eds.), Kluwer Academic Publishers, pp. 261-274.

19.   Matsatsinis, N.F., A.P. Samaras and H.N. Hatzis (1998), Strategic Marketing Decisions Using Raw Data, Experts' Knowledge and Multicriteria Methods, **Foundations of Computing and Decisions Sciences**, Vol. 23, No. 2, pp. 87-107. (**2020 Impact Factor 5.334).**

20.   Matsatsinis, N., Y. Siskos (1999), MARKEX: An intelligent decision support system for product development decisions, **European Journal of Operational Research**, vol. 113, pp. 336-354 (**2023 Impact Factor 6.0).**

21.   Matsatsinis, N.F., A.P. Samaras (2000), Brand Choice Model Selection Based on Consumers' Multicriteria Preferences and Experts' Knowledge, **Computers and Operations Research,** vol. 27, pp. 689-707 **(2019 Impact Factor 4.008).**

22.   Matsatsinis, N.F., A.P. Samaras (2001), MCDA and preference disaggregation in group decision support systems, **European Journal of Operational Research,** vol. 130, no. 2, pp. 414-429 (**2023 Impact Factor 6.0).**

23.   Siskos, Y., N. F. Matsatsinis, G. Baourakis (2001), Multicriteria analysis in agricultural marketing: The case of French olive oil market, **European Journal of Operational Research,** vol. 130, no. 2, pp. 315-331 (**2023 Impact Factor 6.0).**

24.   Emiris, D.M., D.E. Koulouriotis, N.F. Matsatsinis (2001), Modelling of business processes and functions of an industrial unit for ERP system application, **Operational Research: An International Journal**, vol. 1, no. 2, pp. 181-195 **(2023 Impact Factor 2.3).**

25.   Manouselis, N., N.F. Matsatsinis (2001), Introducing a Multi-Agent, Multi-Criteria Methodology for Modeling Electronic Consumer's Behavior: The Case of Internet Radio, in: M. Klush, F. Zambonelli (eds.), **Lecture Notes in Artificial Intellingence - Cooperative Information Agents,** Springer Verlag, Vol. 2182, pp. 190-195.

26.   Manouselis, N., N.F. Matsatsinis (2001), E-commerce Assistant Agents Enhanced with Multi-Attribute Preference Modeling Capabilities, in: N. Avouris, N. Fakotakis (Eds.), **Advances of Human-Computer Interaction**, Typorama Publications.

27.   Matsatsinis, N.F. (2002), An Intelligent Decision Support System for Credit Card Assessment based on a Machine Learning Technique, **Operational Research: An International Journal**, vol. 2, no. 2, pp. 243-260 **(2023 Impact Factor 2.3).**

28.   Krassadaki, E., E. Grigoroudis, N.F. Matsatsinis, Y. Siskos (2002), The evaluation of studies and training in information technology: A multicriteria approach, **Operational Research: An International Journal**, vol. 2, no. 3, pp. 321-338 **(2023 Impact Factor 2.3).**

29.   Matsatsinis, N.F. (2003), CCAS: An Intelligent Decision Support System for Credit Card Assessment, **Journal of Multi-Criteria Decision Analysis**, vol. 11, pp. 213-235.

30.   Matsatsinis N.F, K. Kosmidou, M. Doumpos, C. Zopounidis (2003), A Fuzzy Decision Aiding Method for the Assessment of Corporate Bankruptcy, **Fuzzy Economic Review**, vol. 8, no. 1, pp. 13-23.

31.   Samaras, G., N.F. Matsatsinis, C. Zopounidis (2003), A Multicriteria DSS for a Global Stock Evaluation, **Operational Research: An International Journal**, vol. 3, no. 3, pp. 281-306 (**2020 Impact Factor 2.410).**

32. Kourgiantakis, M., A. Migdalas, N.F. Matsatsinis (2003), E-Commerce: A survey for Cretan Agro-Food Sector, in: A. Nikolaidis, G. Baourakis, E. Isikli, M. Yercan (Eds.), The market for organic products in the Mediterranean region, **Cahier Options Méditerranéennes**, vol. 61, pp. 219-231 (**http://om.ciheam.org/om/pdf/c61/00800165.pdf**).

33. Matsatsinis, N.F., P. Moraitis, V. Psomatakis, N. Spanoudakis (2003), An Agent-Based System for Products Penetration Strategy Selection, **Applied Artificial Intelligence: An International Journal**, vol. 17, no. 10, pp. 901-925 (**2023 Impact Factor 2.9;** https://doi.org/10.1080/714858317).

34. Matsatsinis, N.F., E. Grigoroudis, P. Delias (2003), User Satisfaction and e-Learning Systems: Towards a Multi-criteria Evaluation Methodology, **Operational Research: An International Journal,** vol. 3, no. 3, pp. 249-260 (**doi.org/10.1007/BF02936404; 2023 Impact Factor 2.3).**

35. Matsatsinis, N.F., P. Delias (2003), AgentAllocator: An Agent-Based Multi-criteria Decision Support System for Task Allocation, in: V. Marik, D. McFarlane, P. Valckenaers (eds.), Holonic and Multi-agent Systems for Manufacturing, **Lectures Notes in Artificial Intelligence,** vol. 2744, Springer-Verlag Berlin Heidelberg, pp. 225-235.

36. Matsatsinis, N.F., P. Delias (2004), A Multi-criteria Protocol for Multi-agent Negotiations, in: G.A. Vouros and T. Panayiotopoulos (Eds.), **Methods and Applications of Artificial Intelligence, Lectures Notes in Artificial Intelligence,** vol. 3025, Springer-Verlag Berlin Heidelberg, pp. 103–111.

37. Samaras, G.D., N.F. Matsatsinis, **C. Zopounidis (2004),** Towards an Intelligent Decision Support System for Portfolio Management, **Foundations of Computing and Decision Sciences,** vol. 30, no. 2, pp. 141-172.

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39. Samaras, G.D., N.F. Matsatsinis (2005), INTELLIGENT INVESTOR: An Intelligent Decision Support System for Portfolio Management, **Operational Research: An International Journal**, vol. 4, no. 3, pp. 357-372 (**2020 Impact Factor 2.410).**

40. Siskos, Y., E. Grigoroudis, N.F. Matsatsinis (2005), UTA methods, in: J. Figueira, S. Greco, M. Ehrgott (eds.), **Multiple Criteria Decision Analysis, - State of the Art - Surveys, International Series in Operations Research and Management Science**, pp. 297-344, Springer.

41. Matsatsinis, N.F., A. Samaras, E. Grigoroudis (2005), Aggregation and disaggregation of preferences for consensus seeking in group decisions, **Group Decision and Negotiation,** vol. 14, no. 3, pp. 241 – 264 (**2020 Impact Factor 2.648).**

42. Emiris, D.M., D.E. Koulouriotis, N. Matsatsinis, E. Petroutsos (2005), Development of IDEF0 model of an Integrated Logistics Support System for the Armed Forces, **Foundations of Computing and Decision Sciences,** vol. 30, no. 3, pp. 193-214 (**2023 Impact Factor 1,8**).

43. Matsatsinis, N., V.Chr. Fortsas (2005), A Multicriteria Methodology for the Assessment of Distance Education Trainees, **Operational Research: An International Journal,** vol. 5, no. 3, pp. 419-434 (**2023 Impact Factor 2.3).**

44. Anestis, G., E. Grigoroudis, E. Krassadaki, N. Matsatsinis, Y. Siskos (2006), Skills Evaluator: A multicriteria decision support systems for the evaluation of qualifications and skills in

information technology, **Journal of Multi-Criteria Decision Analysis**, vol. 14, pp. 21 – 34, (DOI 10.1002/mcda.398).

45. Loukeris, N., N. Matsatsinis (2006), Corporate Financial Evaluation and Bankruptcy Prediction Implementing Artificial Intelligence Methods, **WSEAS Transactions on Business and Economics**, vol. 3, no. 4, pp 343-347.

46. Siskos, Y., E. Grigoroudis, E. Krassadaki, N.F. Matsatsinis (2007), A multicriteria accreditation system for information technology skills and qualifications, **European Journal of Operational Research,** vol. 182, no. 2, pp. 867-885 **(202**3 **Impact Factor** 6.0**).**

47. Matsatsinis, N., E. Grigoroudis, A.P. Samaras (2007), Comparing distributors' judgements to buyers' preferences: A consumer value analysis in the Greek olive oil market, **International Journal of Retail and Distribution Management,** vol. 35, no. 5, pp. 342-362 **(2020 Impact Factor 3.771**).

48. Marinakis, Y., M. Marinaki, N. Matsatsinis (2007), A Hybrid Particle Swarm Optimization Algorithm for Clustering Analysis, in: I.Y. Song, J. Eder, and T.M. Nguyen (Eds.), Data Warehousing and Knowledge Discovery, **Lecture Notes in Computer Science** 4654, pp. 241–250.

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56. Marinakis, Y., M. Marinaki, N. Matsatsinis (2008), A Hybrid Clustering Algorithm based on Multi-swarm Constriction PSO and GRASP, in: I.Y. Song, J. Eder, T.M. Nguyen (Eds.), Data Warehousing and Knowledge Discovery, **Lecture Notes in Computer Science** 5182, Springer-Verlag Berlin Heidelberg, pp. 186 –195.

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62. Matsatsinis, N.F., E. A. Manarolis (2009), New Hybrid Recommender Approaches: An Application to Equity Funds Selection, Algorithmic Decision Theory, in: F. Rossi and A. Tsoukis (Eds.), **Lecture Notes in Computer Science**, vol. 5783/2009, pp. 156-167 (**DOI:** 10.1007/978-3-642-04428-1_14).

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9. CONFERENCE ORGANIZATION

- Member of the **Steering & Program Committee of the 19th Learning and Intelligent OptimizatioN Conference (LION 19),** June 15-19, 2025, Prague, Czech Republic (https://lion19.org/).
- Member of **the Program Committee of the European Conference on Operational Research (EURO 2024),** Copenhagen.

- Member of the **Program Committee of the 2nd International Conference on Mathematical Models, Engineering and Environment,** 11 - 13 December 2024, Thessaloniki (https://conference-auth.gr/).
- Member of **the Program Committee of the IIAI AAI 2024** -Winter Congress: **17th International Congress on Advanced Applied Informatics**, December 16-18, 2024, Saigon - Ho Chi Minh, Vietnam (https://iaiai.org/conference/aai2024-winter/).
- Member of the **Program Committee of the 24th International Conference on Group Decision and Negotiation & 10th International Conference on Decision Support System Technology (GDN ICDSST 2024),** 3 – 5 June 2024, Porto, Portugal (Joint Conference (up.pt).
- Member of the **Program Committee of the International Symposium on Combinatorial Optimization 2024 (ISCO2024), Tenerife, Canary Islands, Spain, 22-24 May 2024 (https://eventos.ull.es/isco-2024).**
- Member of the **Program Committee of the 10thInternational Conference on Machine Learning, Optimization, and Data Science**, September 22 – 25, 2024, Riva del Sole Resort & SPA, Castiglione della Pescaia (Grosseto), Tuscany, Italy (https://lod2024.icas.events/).
- Member of the **Program Committee of the International Symposium on Combinatorial Optimization - ISCO 2024**, 22-24 May 2024, University of La Laguna, 38200 La Laguna, Tenerife, Canary Islands, Spain (https://eventos.ull.es/isco-2024).
- Member of the **Steering Committee & Program Committee of the** 18th Learning and Intelligent OptimizatioN Conference (LION 18), June 10-15, 2024, Ischia, Italy (**https://www.lion18.org/).**
- Member of **the Program Committee of the IIAI AAI 2024 - 16th IIAI International Congress on Advanced Applied Informatics**, July 6-12, 2024, Takamatsu, Japan (https://iaiai.org/conference/aai2024/).
- Member of the **Program Committee of the 22nd IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology**, October 26-29, 2023, Venice, Italy (https://wi-lab.com/cyberchair/2023/wi23/index.php).
- **Chair** of the **36th Conference of the European Chapter on Combinatorial Optimization (ECCO 2023),** 11th - 13th May 2023, Chania, Crete, Greece (https://ecco2023.euro-online.org/).
- Member of the Program Committee of the **ARTIIS 2024 (International Conference on Advanced Research in Technologies, Information, Innovation and Sustainability),** October 21-23, Santigo de Chile, Chile (https://www.artiis.org/).
- Member of **the** Program Committee of the **5th International Conference on Decision Science, Theory and Management (DSTM 2024),** July 6-12, 2024, Takamatsu, Japan (https://iaiai.org/conference/aai2024/conferences/dstm-2024/).
- Member of **the Program Committee of the 22nd EPIA Conference on Artificial Intelligence, AI4IS - Artificial Intelligence for Industry and Societies PC**, Faial Island, Azores Archipelago, September 5th to 8th, 2023, Portugal (https://epia2023.inesctec.pt/?page_id=449).
- Member of **the Program Committee of the IIAI AAI 2023 - 15th IIAI International Congress on Advanced Applied Informatics**, December 11-13, 2023, Bali Dynasty Resort, Bali, Indonesia (https://iaiai.org/conference/aai2023-winter/).
- Member of the **Program Committee of the 9th International Conference on machine Learning, Optimization & Data science - LOD 2023,** September 22-26, The Wordsword Hotel & SPA Grasmere (Lake District England) UK, (https://lod2023.icas.cc/).

- Member of the **Program Committee of the ICPEC 2023: 4th International Computer Programming Education Conference Media Arts and Design School (ESMAD),** Vila do Conde, Portugal, June 26-28, 2023 (https://icpeconf.org/).
- Member of the Program Committee of the **ARTIIS 2023 (International Conference on Advanced Research in Technologies, Information, Innovation and Sustainability),** October 18-20, Madrid, Spain (https://www.artiis.org/about).
- Member of the Program Committee of the 17th Learning and Intelligent OptimizatioN Conference (LION 17), June 4-8, 2023, Nice, France (**https://lion17.org/#organization).**
- Member of the Program Committee of the **14th International Congress on Advanced Applied Informatics and 4th International Conference on Decision Science, Theory and Management,** July 8-13, Koriyama, Japan (https://iaiai.org/conference/aai2023/; https://iaiai.org/conference/aai2023/conferences/dstm-2023/).
- Member of **the** Program Committee of the **13th International Conference on Smart Computing and Artificial Intelligence (SCAI 2023**), July 8-13, Koriyama, Japan (https://iaiai.org/conference/aai2023/conferences/scai-2023/).
- Member of the Program Committee of the **EWG-DSS 9th International Conference on Decision Support System Technology (ICDSST 2023),** 30 May – 01 June 2023, Albi, France (**https://icdsst2023.wordpress.com/).**
- Member of the Program Committee of the **21st IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology**, **WI = Artificial Intelligence in the Connected World,** November 17-20, 2022, Niagara Falls, Canada (**https://www.wi-iat.com/wi-iat2022/index.html).**
- Member of the Program Committee of the 16th Learning and Intelligent OptimizatioN Conference (LION 16), June 5-10, 2022, Milos Island, Cyclades, Greece (**https://lion16.sba-research.org/index.html).**
- Member of the Program Committee of the **8th International Online & Onsite Conference on Machine Learning, Optimization, and Data Science 'An Interdisciplinary Conference: Deep Learning, Optimization, Big Data & Artificial Intelligence without Borders',** September 18 – 22, 2022, Certosa di Pontignano, Siena – Tuscany, Italy (**https://lod2022.icas.cc/).**
- Member of **the** Program Committee of the **21st EPIA Conference on Artificial Intelligence, AI4IS - Artificial Intelligence for Industry and Societies PC**, Instituto Superior Técnico of the University of Lisbon, August 31st to September 2nd, 2022, Lisbon, Portugal (https://epia2022.inesc-id.pt/?page_id=319).
- Member of **the** Program Committee of **the 3rd International Computer Programming Education Conference,** Polytechnic Institute of Cávado and Ave (IPCA), 2nd and 3rd June 2022, Barcelos, Portugal (https://www.icpeconf.org/).
- Member of **the** Program Committee of the **12th International Congress on Advanced Applied Informatics, 3rd International Conference on Decision Science, Theory and Management (DSTM 2022)**, July 2-7, 2022, Kanazawa, Japan (http://www.iaiai.org/conference/aai2022/).
- Member of the Program Committee of the **EWG-DSS 8th International Conference on Decision Support System Technology (ICDSST 2022),** 23-25 May 2022, University of Macedonia, Thessaloniki, Greece (https://icdsst2022gr.wordpress.com/).
- **Chair** of the Organizing Committee of the **31st European Conference on Operational Research (EURO XXXI),** Athens, Greece, July 11-14, 2021 (https://euro2021athens.com/)
- Member of the Program Committee of the **7th International Online & Onsite Conference on Machine Learning, Optimization, and Data Science on 'An Interdisciplinary**

- Conference: Deep Learning, Optimization, Big Data & Artificial Intelligence without Borders', October 4 – 8, 2021, Grasmere, Lake District, England – UK (**https://lod2021.icas.cc/**).
- Co-Chair of the **XIV Balkan Conference on Operational Research (Virtual BALCOR 2020) "Operational Research in the Era of Digital Transformation and Business Analytics", September 30 - October 3, 2020,** Thessaloniki, Greece (http://balcor2020.uom.gr/).
- Member of the Program Committee of the **Data Science for Intelligent Decision Support DS4IDS@FiCloud2021: Data Science for Intelligent Decision Support Workshop,** Rome, Italy, August 23-25, 2021 (https://idsist.wixsite.com/ds4ids).
- Member of the Program Committee of the **ICPEC 2021: 1st International Computer Programming Education Conference**, Universidade do Minho, Braga, Portugal, 27 - 28 May 2021 (https://icpeconf.org/).
- Member of the Program Committee of the **EWG-DSS 7th International Conference on Decision Support System Technology (ICDSST 2021),** 26-28 May 2021, Loughborough, UK (https://icdsst2021.wordpress.com/).
- Member of the Program Committee of the **Sixth International Conference on Machine Learning, Optimization, and Data Science: An Interdisciplinary Conference, Machine Learning, Optimization, Big Data & Artificial Intelligence without Borders,** July 19-22, 2020, Certosa di Pontignano, Siena, Tuscany, Italy *(*https://lod2020.icas.xyz/).
- Member of the Program Committee of the **Web Intelligence and Intelligent Agent Technology (WI-IAT'20),** 14-17 December 2020 in Melbourne, Australia (http://wi2020.vcrab.com.au).
- Member of the Program Committee of the **EWG-DSS 6th International Conference on Decision Support System Technology (ICDSST 2020),** May 27th to 29th 2020, Zaragoza, Spain.
- Member of the Technical Program Committee of the14th Learning and Intelligent OptimizatioN Conference (LION 14), May 24-28, 2020, Athens, Greece (**http://www.caopt.com/LION14/**).
- **General Chair of the 13th Learning and Intelligent OptimizatioN Conference (LION 13), May 27-31, 2019, Chania, Crete, Greece (**http://www.lion13.pem.tuc.gr/en/home/)**.**
- Member of International Program Committee of the 7th **International Conference on Control, Decision and Information Technologies, June 29-July 2, 2020, Prague, Czech Republic (**https://codit20.com/index.php).
- Member of Scientific Committee of the **ICPEC 2020: 1st International Computer Programming Education Conference**, 23 and 24 April 2020 ESMAD, Vila do Conde, Portugal (https://icpeconf.org/)
- Member of Scientific Committee of the **International Computer Programming Education Conference**, 23 and 24 April 2020, ESMAD, Vila do Conde, Portugal (https://icpeconf.org/).
- Member of the Program Committee of the **Data Science for Intelligent Decision Support DS4IDS@FiCloud 2019 Workshop, The 7th International Conference on Future Internet of Things and Cloud (FiCloud 2019)**, August 26-28, 2019, Istanbul, Turkey (https://idsist.wixsite.com/ds4ids).
- Member of International **Technical** Committee of the **'2019 The 3rd International Conference on Advances in Artificial Intelligence (ICAAI 2019)',** Istanbul, Turkey, October 26-28, 2019 (http://www.icaai.org/index.html).

- Member of International Advisory Board of the **4th International Conference on Intelligent Systems, Metaheuristics & Swarm Intelligence (ISMSI 2020),** Thimphu, Kingdom of Bhutan, March 21-22, 2020 (http://www.ismsi.org/index.html).
- Member of the Program Committee of the **16th International Conference on Applied Computing 2019 (AC 2019),** 7 – 9 November, Cagliari, Italy, (http://computing-conf.org/).
- Member of International Scientific Programme Committee του **5th International Conference on Decision Support System Technology (ICDSST 2019),** 27-29 May 2019, Madeira, Portugal (https://icdsst2019.wordpress.com/).
- Member of International Program Committee of the 6th **International Conference on Control, Decision and Information Technologies,** April 23-26**,** 2019, Paris**,** France**. (**https://codit19.com/index.php).
- Member of Technical Program Committee του **Ninth International Conference on Advanced Communications and Computation (INFOCOMP 2019)**, **July 28, 2019 to August 01, 2019 - Nice, France** (http://www.iaria.org/conferences2019/INFOCOMP19.html).
- Member of International Advisory Board of the **3rd International Conference on Intelligent Systems, Metaheuristics & Swarm Intelligence, (ISMSI 2019),** Male, Maldives, March 23-24, 2019 (http://ismsi.org/index.html).
- Member of the Program Committee του **International MultiConference of Engineers and Computer Scientists 2019 (IMECS 2019), Hong Kong, 13-15 March, 2019** (http://www.iaeng.org/IMECS2019/committee.html).
- Co-chair του **International Conference on Internet Computing and Web Services (ICICWS'19),** Hong Kong, 1 **Hong Kong, 13-15 March, 2019** (http://www.iaeng.org/IMECS2019/ICICWS2018.html).
- Member of the Program Committee του **International Conference on Artificial Intelligence and Applications (ICAIA'19)**, Hong Kong, 13-15 March, 2019 (http://www.iaeng.org/IMECS2019/ICAIA2018.html).
- Member of the Program Committee του **International Conference on Operations Research (ICOR'19),** Hong Kong, 13-15 March, 2019 (http://www.iaeng.org/IMECS2019/ICOR2018.html).
- Member of the Program Committee of the Data Science for **DS4IDS: Intelligent Decision Support Workshop workshop of FiCloud 2018, The IEEE 6th International Conference on Future Internet of Things and Cloud**, 6-8 August 2018, Barcelona, Spain (http://idsist.wixsite.com/ds4ids/committees).
- Member of the Program Committee of the **ODS2018 – International Conference on Optimization and Decision Science XLVIII Annual Meeting of AIRO – Italian Operations Research Society, Taormina, Italy September 10-13, 2018 (**http://www.airoconference.it/ods2018/)**.**
- Member of the Program Committee of the **XIII Balkan Conference on Operational Research "OR in Balkans - Recent Advances" (BALCOR 2018)**, May 25-28, Belgrade, Serbia (http://balcor2018.fon.bg.ac.rs).
- Member of Technical Program Committee of the **TEMSCON 2018 - IEEE Technology and Engineering Management Society (TEMS),** 27th June – 1st July, Chicago, USA (http://www.temscon.org/).
- Member of Technical Program Committee του **8th International Conference on Advanced Communications and Computation (INFOCOMP 2018)**, July 22, 2018 to July 26, 2018 - Barcelona, Spain, http://www.iaria.org/conferences2018/ComINFOCOMP18.html).

- Member of the Program Committee of the 4th International Conference on Decision Support System Technology – ICDSST 2018 & PROMETHEE DAYS 2018, 22 – 25 May 2018, Hellenic Centre for Marine Research, Heraklion, Crete, Greece (https://icdsst2018.wordpress.com/).
- Member of the Program Committee του **International MultiConference of Engineers and Computer Scientists 2018 (IMECS 2018),** 14-17 March, 2018 (http://www.iaeng.org/IMECS2018/committee.html).
- Co-chair του **International Conference on Internet Computing and Web Services (ICICWS'18),** Hong Kong, 14-17 March, 2018 (http://www.iaeng.org/IMECS2018/ICICWS2018.html).
- Member of the Program Committee του **International Conference on Artificial Intelligence and Applications (ICAIA'18)**, Hong Kong, 14-17 March, 2018 (http://www.iaeng.org/IMECS2018/ICAIA2018.html).
- Member of the Program Committee του **International Conference on Operations Research (ICOR'18),** Hong Kong, 14-17 March, 2018 (http://www.iaeng.org/IMECS2018/ICOR2018.html).
- Member of International Advisory Board of the **2nd International Conference on Intelligent Systems, Metaheuristics & Swarm Intelligence, (ISMSI 2018),** Phuket, Thailand, March 23-25, 2018 (http://www.ismsi.org/index.html).
- Member of the Program Committee of the **IEEE 5th International Conference on Future Internet of Things and Cloud (FiCloud 2017), International Workshop on Data Science for Intelligent Decision Support (DS4IDS),** 21-23 August 2017, Prague, Czech Republic (http://ficloud.org/2017/index.php).
- Member of the Program Committee of the **2017 IEEE / WIC / ACM International Conferences on Web Intelligence,** August 23rd - 26th, 2017 in Leipzig, Germany (http://webintelligence2017.com/).
- Member of the Program Committee of the **14th International Conference on Applied Computing 2017 (AC 2017),** 18 – 20 October, Vilamoura, Algarve, Portugal, **(http://computing-conf.org/).**
- Member of International Advisory Board of the 4th International Conference on Soft Computing & Machine Intelligence (ISCMI 2017), Mauritius, November 22-24, 2017 (**http://iscmi.us/**).
- Member of the Program Committee of the **EWG-DSS 2017 International Conference on Decision Support System Technology** (ICDSST 2017) **on** Data, Information and Knowledge Visualisation in Decision Making, May 29-31, 2017, University of Namur, Belgium (**https://icdsst2017.wordpress.com/**).
- Member of **Technical** Program Committee του **Seventh International Conference on Advanced Communications and Computation (INFOCOMP 2017),** June 25 - 29, 2017- Venice, Italy, https://www.iaria.org/conferences2017/ComINFOCOMP17.html).
- Member of **International Advisory Board of the 4th International Symposium on Computational and Business Intelligence (ISCBI 2016)**, Olten, Switzerland, September 5-7, 2016 (http://iscbi.com/).
- Member of the Program Committee of the **2016 IEEE/WIC/ACM International Conference on Web Intelligence,** October 13-16, 2016 in Omaha, Nebraska, USA (http://wibih.unomaha.edu/).
- Member of the Program Committee of the **International Conference on Agents (ICA) 2016,** Kunibiki Messe (Shimane Prefectural Convention Center), Matsue, Japan September 28 - September 30, 2016 (http://conferenceservice.co.jp/conference/ICA2016/).

- Member of the Program Committee of the **Data Science for Intelligent Decision Support (DS4IDS) - 16th International Conference on Computational Science and Its Applications (ICCSA 2016),** July 4- 7, 2016 in Beijing, China, (http://idsist.wix.com/ds4ids).
- Member of the Program Committee of the **EWG-DSS 2016 International Conference on Decision Support System Technology (**ICDSST 2016**) on** Decision Support Systems Addressing Sustainability & Societal Challenges, May 23-25, 2016, Plymouth, University of Plymouth**,** UK (https://icdsst2016.wordpress.com/2015/04/01/icdsst-2016/)**.**
- Member of **Scientific** Program Committee of the **4th International Conference on Contemporary Marketing Issues (4th ICCMI 2016),** 22-24 June 2016, Heraklion, Greece (http://www.mkt.teithe.gr/iccmi2016/).
- Co-chair του **International Conference on Internet Computing and Web Services (ICICWS'16),** Hong Kong, 16-18 March, 2016 (http://www.iaeng.org/IMECS2016/ICICWS2016.html).
- Member of the Program Committee του **International Conference on Artificial Intelligence and Applications (ICAIA'16)**, Hong Kong, **16-18** March, 2016 (http://www.iaeng.org/IMECS2016/ICAIA2016.html).
- Member of the Program Committee του **International Conference on Operations Research (ICOR'16),** Hong Kong, **16-18** March, 2016 (http://www.iaeng.org/IMECS2016/ICOR2016.html).
- **Member of the Program Committee** του **International MultiConference of Engineers and Computer Scientists 2016 (IMECS 2016),** 16-18 March, 2016 (http://www.iaeng.org/IMECS2016/index.html).
- Member of **International Advisory Board of the 3rd International Symposium on Computational and Business Intelligence (ISCBI 2015)**, Bali, Indonesia, December 7-8, 2015 (http://iscbi.com/index.php).
- Member of the Program Committee του 1**2th International Conference Applied Computing 2015**, 24 – 26 October 2015, Maynooth, **Greater Dublin**, Ireland (http://computing-conf.org/).
- Member of **Scientific** Program Committee of the **2015 IEEE/WIC/IAT - International Conference on Intelligent Agent Technology,** December 6-9, Singapore (http://wi-iat15.ntulily.org/).
- Member of **Scientific** Program Committee of the **IJCRS2015** - **2015 international Joint Conference On Rough Sets (IJCRS 2015),** 10th International Conference on Rough Sets and Knowledge Technology (RSKT 2015) and the 16th International Conference on Rough Sets, Fuzzy Sets, Data Mining and Granular Computing (RSFDGrC 2015) and the 1st International Conference on Big Data, Applications and Services (BigDAS 2015), Korea (http://cgac.chungbuk.ac.kr/IJCRS2015/).
- Member of **Technical** Program Committee του **Fifth International Conference on Advanced Communications and Computation (INFOCOMP 2015),** July 21 - 26, 2015 - Brussels, Belgium http://www.iaria.org/conferences2015/INFOCOMP15.html).
- Member of the Program Committee του **1st International Conference on Decision Support System Technology (EWG-DSS ICDSST 2015) on** Big Data Analytics for Decision-Making, May 27-29, 2015, Belgrade, Serbia (https://ewgdssbelgrade2015.wordpress.com/)**.**
- Co-chair του **International Conference on Internet Computing and Web Services (ICICWS'15),** Hong Kong, 18-20 March, 2015 (http://www.iaeng.org/IMECS2015/ICICWS2015.html).

- Member of the Program Committee του **International Conference on Artificial Intelligence and Applications (ICAIA'15)**, Hong Kong, 18-20 March, 2015 (http://www.iaeng.org/IMECS2015/ICAIA2015.html).
- Member of the Program Committee του **International Conference on Operations Research (ICOR'15),** Hong Kong, 18-20 March, 2015 (http://www.iaeng.org/IMECS2015/ICOR2015.html).
- **Member of the Program Committee** του **International MultiConference of Engineers and Computer Scientists 2015 (IMECS 2015),** Hong Kong, 18-20 March, 2015 (http://www.iaeng.org/IMECS2015/committee.html).
- Member of the Program Committee του **3rd Science One International Conference on Information Technology**, Dubai, January 21-23, 2015 (http://thescienceone.com/icit/).
- Member of **Technical** Program Committee του **Fourth International Conference on Advanced Communications and Computation (INFOCOMP 2014),** July 20 - 24, 2014 - Paris, France (http://www.iaria.org/conferences2014/ComINFOCOMP14.html).
- Member of the Program Committee του **11th International Conference Applied Computing 2014**, 25 – 27 October, Porto, Portugal (http://www.computing-conf.org/call-for-papers).
- Member of the Program Committee of the **2014 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'14), Web Intelligence Congress,** August 11-14, 2014, Warsaw, Poland (http://wic2014.mimuw.edu.pl/).
- Member of Scientific Committee του **2nd International Conference on Contemporary Marketing Issues (ICCMI 2014),** June 18-20, 2014, Athens, Greece (http://www.mkt.teithe.gr/iccmi2014/).
- Member of Scientific Committee του **3rd International Symposium & 25th National Conference on Operational Research**, Volos, Greece, 26-27 June 2014.
- Member of the Program Committee του **International Conference on Artificial Intelligence and Applications (ICAIA'14)**, Hong Kong, 12-14 March, 2014 (http://www.iaeng.org/IMECS2014/ICAIA2014.html).
- Member of the Program Committee του **International Conference on Operations Research (ICOR'14),** Hong Kong, 12-14 March, 2014 (http://www.iaeng.org/IMECS2014/ICOR2014.html).
- **Member of the Program Committee** του **International MultiConference of Engineers and Computer Scientists 2014 (IMECS 2014),** Hong Kong, 12-14 March, 2014 (http://www.iaeng.org/IMECS2014/committee.html).
- Co-chair του **International Conference on Internet Computing and Web Services (ICICWS'14),** Hong Kong, 12-14 March, 2014 (http://www.iaeng.org/IMECS2014/ICICWS2014.html).
- Member of the Program Committee του **2013 Joint Rough Set Symposium (JRS13),** October 11-14, Halifax, Canada (http://cs.smu.ca/jrs2013/).
- Co-chair του **2nd International Symposium & 24th National Conference on Operational Research**, September 26-28, 2013, National Technical University of Athens, Greece.
- Member of Program Committee του **EURO Mini-Conference Graz 2013**, Collaborative Decision Systems in Economics and in Complex Societal and Environmental Applications**, October 17th - 19th, 2013, Graz, Austria (**http://eurominiconferencegraz2013.wordpress.com/**).
- Member of Program Committee του **Third International Conference on Advanced Communications and Computation (INFOCOMP 2013),** November 17 - 22, 2013 - Lisbon, Portugal (http://www.iaria.org/conferences2013/INFOCOMP13.html).

- Member of Program Committee του **EWG-DSS Thessaloniki-2013,** Exploring New Directions for Decisions in the Internet Age, 29 - 31 May 2013, Thessaloniki, Greece (http://ewgdssthessaloniki2013.wordpress.com/).
- Co-chair του **International Conference on Internet Computing and Web Services (ICICWS'13),** Hong Kong, 13-15 March, 2013 (http://www.iaeng.org/IMECS2013/ICICWS2013.html).
- Member of **International Scientific Committee του XI Balkan Conference on Operational Research (BALCOR 2013) and XL national Operational Research Symposium (SYM-OP-IS 2013)**, 7-10 September, 2013, Belgrade, Serbia (http://www.balcor2013.fon.bg.ac.rs/).
- Member of the Program Committee **του IADIS International Conference Applied Computing 2013,** International Association for Development of the Information Society, 23 – 25 October 2013, Fort Worth, Texas, USA (http://www.computing-conf.org/).
- Member of the Program Committee του **European Conference on Computer Vision 2012 (ECCV 2012) - International Workshop on Analysis and Retrieval of Tracked Events and Motion in Imagery Streams (ARTEMIS)**, 7-13 October 2012, Firenze, Italy (http://eccv2012.unifi.it/; http://www.artemis2012.tuc.gr/?q=committee).
- Member of the Program Committee του **International Conference on Artificial Intelligence and Applications (ICAIA'13)**, Hong Kong, 13-15 March, 2013 (http://www.iaeng.org/IMECS2013/ICAIA2013.html).
- Member of the Program Committee του **International Conference on Operations Research (ICOR'13),** Hong Kong, 13-15 March, 2013 (http://www.iaeng.org/IMECS2013/ICOR2013.html).
- Member of the Scientific Committee of the **3rd Panhellenic Interdisciplinary Conference on Mental Health and Telematic Applications**, 16 - 17 May 2013, Athens.
- Member of the Program Committee του **International MultiConference of Engineers and Computer Scientists 2013 (IMECS 2013),** Hong Kong, 13-15 March, 2013 (http://www.iaeng.org/IMECS2013/committee.html).
- Member of the Program Committee **του IADIS International Conference Applied Computing 2012,** International Association for Development of the Information Society, 19 – 21 October, Madrid, Spain (http://www.computing-conf.org/).
- Member of the Program Committee του **International MultiConference of Engineers and Computer Scientists 2012 (IMECS 2012),** Hong Kong, 14-16 March, 2012 (http://www.iaeng.org/IMECS2012/ICICWS2012.html).
- Co-chair του **IAENG International Conference on Internet Computing and Web Services (ICICWS'12)**, Hong Kong, 14-16 March, 2012 (http://www.iaeng.org/IMECS2012/ICICWS2012.html).
- Member of the Program Committee του **IAENG International Conference on Artificial Intelligence and Applications (ICAIA'12)**, Hong Kong, **14-16 March, 2012** (http://www.iaeng.org/IMECS2012/ICAIA2012.html).
- Member of the Program Committee του **IAENG International Conference on Operations Research (ICOR'12),** Hong Kong, **14-16 March, 2012** (http://www.iaeng.org/IMECS2012/ICOR2012.html).
- Co-chair at the **1st National Conference of the Hellenic Mathematical Society and the Hellenic Operations Research Society**, Applications of Mathematics in Management, Economics, Production and Education, June 24-26, 2011, Athens.

- Member of **International Scientific Committee του 1st International Symposium & 10th Balkan Conference on Operational Research (BALCOR 2011)**, September 22 - 25, 2011, Thessaloniki, Greece (http://balcor.uom.gr/index.html).
- Member of the Program Committee του 2**nd IEEE Workshop on Analysis and Retrieval of Tracked Events and Motion in Imagery Streams - ARTEMIS 2011, 2011 IEEE International Conference on Computer Vision,** 6-13 November 2011, Barcelona, Spain (http://morpheus.micc.unifi.it/artemis2011/).
- Member of the Program Committee **του IADIS International Conference Applied Computing 2011,** International Association for Development of the Information Society, Rio de Janeiro, Brazil, 6 - 8 November 2011 (http://www.iadis.org/ac2011/).
- Co-chair of the IAENG International Conference on Internet Computing and Web Services (ICICWS'11), **Hong Kong, 16-18 March, 2011** (http://www.iaeng.org/IMECS2011/ICICWS2011.html).
- Member of the Program Committee του **IAENG International Conference on Artificial Intelligence and Applications (ICAIA'11)**, Hong Kong, 16-18 March, 2011 (http://www.iaeng.org/IMECS2011/ICAIA2011.html).
- Member of the Program Committee του **IAENG International Conference on Operations Research (ICOR'11),** Hong Kong, 16-18 March, 2011 (http://www.iaeng.org/IMECS2011/ICOR2011.html).
- Program area chair of the **ACM Multimedia 2010 International Conference, ARTEMIS2010: First ACM International Workshop on Analysis and Retrieval of Tracked Events and Motion in Imagery Streams**, October 25-29, Firenze, Italy (http://www.acmmm10.org/).
- Member of the Program Committee του **IADIS International Conference Applied Computing 2010, International Association for Development of the Information Society**, Timisoara, Romania, 14 - 16 October 2010 (http://www.computing-conf.org/).
- Member of the Program Committee of the **10th Special Conference of the Hellenic Society of Operations Research, 7th Meeting on Multi-Criteria Decision Analysis**, September 30 – October 2, 2010, Orestiada, Greece.
- Member of the Program Committee του **9th Special Conference of the Hellenic Operational Research Society (HELORS),** 27 - 29 May 2010, Agios Nikolaos, Crete, Greece.
- Member of **10th International MultiConference of Engineers and Computer Scientists 2010** (IMECS 2010) Program Committee & Conferences Co-Chairs, Hong Kong, 17-19 March, 2010 (http://www.iaeng.org/IMECS2010/).
- **Co-chair** του **IAENG International Conference on Internet Computing and Web Services (ICICWS'10),** Hong Kong, 17-19 March, 2010 (http://www.iaeng.org/IMECS2010/ICICWS2010.html).
- Member of the Program Committee του **IAENG International Conference on Artificial Intelligence and Applications (ICAIA'10)**, Hong Kong, 17-19 March, 2010 (http://www.iaeng.org/IMECS2010/ICAIA2010.html).
- Member of the Program Committee του **IAENG International Conference on Operations Research (ICOR'10),** Hong Kong, 17-19 March, 2010 (http://www.iaeng.org/IMECS2010/ICOR2010.html).
- Member of Technical Committee of the **IEEE International Workshop on Event Driven Multimedia Analysis, 2009 IEEE International Conference on Multimedia & Expo (IEEE ICME)**, June 28 - July 3 2009, Cancun, Mexico (http://www.telecom.ntua.gr/mexico09/Commitee.html).

- Member of Committee of the **IADIS International Conference on Applied Computing 2009, International Association for Development of the Information Society**, Rome, Italy, 19 - 21 November 2009 (http://www.computing-conf.org/).
- **Co-chair** του **IAENG International Conference on Internet Computing and Web Services (ICICWS'09),** Hong Kong, 18-20 March 2009.
- Member of the Program Committee του **2nd International Workshop on "Workflow and Event Analysis for Assistive Environments"** in conjunction with **2nd International Conference on Pervasive Technologies Related to Assistive Environments (PETRA)**, Corfu, Greece 2009.
- Member of the Program Committee του **IAENG International Conference on Operations Research (ICOR'09),** Hong Kong, 18-20 March 2009.
- Member of the Program Committee του **IAENG International Conference on Artificial Intelligence and Applications (ICAIA'09)**, Hong Kong, 18-20 March 2009.
- Member of the Organizing Committee of the **7th Annual Conference of the Hellenic Association of Financial and Accounting Sciences (H.F.A.A.),** 12 and 13 December 2008, Chania.
- Member of the Scientific Committee of the **20th National Conference of the Hellenic Society for Operations Research,** June 2008, Spetses.
- Co-Chair of the 7th Special Conference of the **Hellenic Society for Operations Research (5th Meeting on Multi-Criteria Decision Analysis),** Technical University of Crete, September 2007, Chania, 30/9/2008, Chania.
- Member of the Organizing Committee of the 1st Seminar on Multiple Criteria Decision Aid, October 1st (2008), Chania, Greece.**Co-chair** του **IAENG International Conference on Internet Computing and Web Services (ICICWS'08),** Hong Kong, 19-21 March 2008.
- Member of the Program Committee του **IAENG International Conference on Operations Research (ICOR'08),** Hong Kong, 19-21 March 2008.
- Member of the Program Committee του **IAENG International Conference on Artificial Intelligence and Applications (ICAIA'08)**, Hong Kong, 19-21 March 2008.
- Member of the Program Committee του **International MultiConference of Engineers and Computer Scientists 2007**, Hong Kong, 21-23 March 2007.
- Member of the Program Committee του '**World Congress on Engineering 2007'**, London, U.K., 2-4 July 2007.
- **Co-chair** του **International Workshop on Internet Computing and Web Services (ICICWS'07)**, που θα διεξαχθεί στο Hong Kong, 21-23 March 2007.
- Member of the program committee of **the International Workshop on Artificial Intelligence and Applications (ICAIA'07),** to be held in Hong Kong, 21-23 March 2007.
- Member of the program committee of the **International Workshop on Operations Research (ICOR'07),** to be held in Hong Kong, 21-23 March 2007.
- Co-Chair of the **64th Meeting of the European Working Group "Multiple Criteria Decision Aiding"**, 7-8/10/2006, Larisa, Greece.
- Chairman of the Scientific and Organizing Committee of the **4th Meeting on Multi-Criteria Decision Analysis**, 6-7/10/2006, Larisa.
- Member of the program committee of the **International MultiConference of Engineers and Computer Scientists 2006,** Hong Kong, 20-22 June 2006.
- Co-chair of the **International Workshop on Internet Computing and Web Services (IAENG 2006),** Hong Kong, 20-22 June 2006.
- Member of the program committee of the **International Workshop on Artificial Intelligence and Applications (IAENG 2006),** Hong Kong, 20-22 June 2006.

- Member of the Organizing Committee of the **18th International Conference on Multiple Criteria Decision Making,** Chania, Greece, June 19-23, 2006.
- Member of the program committee of the **International Workshop on Operations Research (IWOR'06),** Hong Kong, 20-22 June 2006.
- Member of the Scientific Committee of the **18th National Conference of the Hellenic Operations Research Society (HELORS)**, 'Planning, Information Retrieval and Knowledge Management Management', University of Western Macedonia, Kozani, 15-17 June 2006.
- Member of the Scientific Committee of the **3rd Meeting on Multi-Criteria Decision Analysis**, 29-30/9/2005, Chania.
- Member of the Organizing Committee of the **20th European Conference on Operational Research (EURO XX)** on OR and the Management of Electronic Services, Rodos, Greece, 4-7 July 2004.
- Member of the Scientific Committee of the **2nd Meeting on Multi-Criteria Decision Analysis**, 27-28/9/2004, Chania.
- Organization of a Workshop on 'Intelligent Decision Systems' within the framework of the International Conference '**Computational Management Science'** May 27-30, 2003, Almyrida Beach, Chania, Crete, Greece.
- Member of the Scientific Committee of the **1st Meeting on Multi-Criteria Decision Analysis**, 27-28/9/2003, Chania.
- Member of the Scientific Committee at the **16th National Conference of the Hellenic Operations Research Society (HELORS),** Operations Research in the Project Budget, 31/10 – 2/11/2003, Larissa.
- Member of the Scientific Committee at the **15th National Conference of the Hellenic Operations Research Society (HELORS),** Employment, Workflow and Operations Research, 31/10 – 2/11/2002, Tripoli.
- President of the **2nd Special Panhellenic Conference on: Information Systems in the Agricultural Sector**, 12 – 14 October 2000, Chania.
- Session Chair at the **72nd EAAE SEMINAR**, Organic Food Marketing Trends, Chania, Crete, Greece, 7-10 June 2001.
- Member of the Organizing Committee of the Conference on "**Combinatorial and Global Optimization**" May 25-29, 1998, Chania, Crete, GREECE.