Prof. Angelo Sifaleras   Curriculum Vitae

CONTACT INFORMATION	University of Macedonia School of Information Sciences Department of Applied Informatics URL: http://sites.uom.gr/sifalera Email: sifalera@uom.gr	156 Egnatia Str. 54636 Thessaloniki, Greece Office: 428, Building C Tel: +30-2310-891884 Fax: +30-2310-891881

PERSONAL DATA   Greek citizenship. Born February, 1976.

ACADEMIC POSITION   Professor (Full), at the Department of Applied Informatics, School of Information Sciences, University of Macedonia.

Director of the M.Sc. in Artificial Intelligence and Data Analytics (Sept. 2023 - Today).

RESEARCH INTERESTS   Operational Research, Mathematical Programming, Network Optimization, Heuristics.

EDUCATION   **Ph.D.** Department of Applied Informatics, University of Macedonia, Economic and Social Sciences, Thessaloniki, Greece, 2007. Thesis Topic: Development and Implementation of Exterior Point Simplex Type Algorithms for Network Optimization Problems. Advisor: Prof. Paparrizos Konstantinos.

B.Sc. Department of Mathematics, School of Sciences, Aristotle University of Thessaloniki, Greece, 1999.

LANGUAGES

- Greek, (mother tongue).
- English, Certificate of Proficiency in English, (C.P.E.), University of Michigan, March 2004.

HONORS AND RESEARCH GRANTS

External Honors:
- Publons "Sentinels of Science" award recipient as a Top 10% reviewer in "Decision Sciences" for 2016.
- "Notable Reviewer" recognition by the Editor-in-Chief of Operational Research, published by Springer, for 2015.
- ACM Senior Member, 2015.

Externally funded research:
- Grant from ELICON I.K.E. (University Research Committee ID 81359) for the "Development of mathematical models for slot games". (2019 - 2020).
- Hardware Grant donation from NVIDIA Corporation of (1) GeForce GTX 980 GPU consisting of 2048 Cuda cores and single-precision performance reaching 5 Teraflops, for the support of my research (2014).
- Research Scholarship for my Ph.D. Thesis, supported by the Operational Programme Education and Primary Vocational Training (EPEAEK II), of the Third Community Support Framework and particularly the programme "HRAKLEITOS", (2002 - 2006).

Internally funded grants:
- Grant from the Research Committee (ID 81307) of the University of Macedonia, Greece, as part of the "Principal Research 2019" funding scheme (January 2019 - December 2019). **PI**
- Grant from the Research Committee (ID 80749) of the University of Macedonia, Greece, for the advance of Basic Research. (July 2012 - July 2013). **Associate PI**

ACADEMIC APPOINTMENTS

Nov. 2022 - Today

- Professor (Full) at the Department of Applied Informatics, School of Information Sciences, of the University of Macedonia, Greece, Thessaloniki.

Dec. 2018 - Oct. 2022

- Associate Professor at the Department of Applied Informatics, School of Information Sciences, of the University of Macedonia, Greece, Thessaloniki.

Oct. 2017 - Today

- Adjunct Professor, School of Social Science, of the Hellenic Open University.
  - *Quantitative Methods*, undergraduate course in Business Administration (DEO 13) (Oct. 2017 – July 2020, Oct. 2021 – Today).
  - *Quantitative Methods in Supply Chain Management* (SCM 01), postgraduate course in Supply Chain Management (Oct. 2020 – July 2020).

Dec. 2014 - Dec. 2018

- Assistant Professor at the Department of Applied Informatics, School of Information Sciences, of the University of Macedonia, Greece, Thessaloniki.

Jun. 2013 - Dec. 2014

- Lecturer at the Department of Applied Informatics, School of Information Sciences, of the University of Macedonia, Greece, Thessaloniki.

Jun. 2010 - Jun. 2013

- Lecturer at the Department of Technology Management, of the University of Macedonia, Economic and Social Sciences, Greece, Naoussa.

Spring 2010

- Associated Teaching Staff (407/80 in Greek), at the Department of Technology Management, of the University of Macedonia, Economic and Social Sciences, Greece, Naoussa.

Fall 2009

- Associated Teaching Staff (407/80 in Greek) at the Department of Mechanical Engineering, Faculty of Engineering, University of Western Macedonia, Greece, Kozani.

Spring 2009

- Associated Teaching Staff (407/80 in Greek), at the Department of Technology Management, of the University of Macedonia, Economic and Social Sciences, Greece, Naoussa.
- Scientific Associate at the Department of Geotechnology and Environment, School of Technological Applications, of the Technological Educational Institute of Western Macedonia, Greece, Kozani.
- Scientific Associate at the Department of Accounting, School of Management and Economy, of the Technological Educational Institute of Western Macedonia, Greece, Kozani.

Fall 2008

- Associated Teaching Staff (407/80 in Greek) at the Department of Engineering and Management of Energy Resources, Faculty of Engineering, University of Western Macedonia, Greece, Kozani.
- Scientific Associate at the Department of Geotechnology and Environment, School of Technological Applications, of the Technological Educational Institute of Western Macedonia, Greece, Kozani.
- Scientific Associate at the Department of Applied Informatics in Management & Finance, of the Technological Educational Institute of Western Macedonia, Branch of Grevena, Greece.

Spring 2008

- Associated Teaching Staff (407/80 in Greek), at the Department of Technology Management, of the University of Macedonia, Economic and Social Sciences, Greece, Naoussa.
- Associated Teaching Staff (407/80 in Greek), at the Department of Applied Informatics, of the University of Macedonia, Economic and Social Sciences, Greece, Thessaloniki.

Fall 2007

- Associated Teaching Staff (407/80 in Greek), at the Department of Marketing and Operations Management, of the University of Macedonia, Economic and Social Sciences, Greece, Edessa.
- Associated Teaching Staff (407/80 in Greek), at the Department of Computer Engineering and Telecommunications, Faculty of Engineering, of the University of Western Macedonia, Greece, Kozani.

Spring 2007

- Associated Teaching Staff (407/80 in Greek), at the Department of Applied Informatics, of the University of Macedonia, Economic and Social Sciences, Greece, Thessaloniki.

- Scientific Associate at the Department of Informatics and Computers Technology, of the Technological Educational Institute of Western Macedonia, Branch of Kastoria, Greece.

TEACHING
EXPERIENCE

Graduate courses (MSc Level)

- Hellenic Open University.

  - School of Social Science, Specialization: *M.Sc. in Supply Chain Management* :

    Quantitative Methods in Supply Chain Management: Fall 2020, Spring 2021.

- University of Macedonia, Greece.

  - Department of Applied Informatics, Specialization: *M.Sc. in Artificial Intelligence and Data Analytics*, Thessaloniki :

    Computational Optimization: Fall 2019, 2020, 2021, 2022.
  - Department of Applied Informatics, Specialization: *Computer Science and Technology*, Thessaloniki :

    Heuristic Methods: Fall 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021.

- Aristotle University of Thessaloniki, Greece.

  - Department of Mathematics, Specialization: *Theoretical Informatics and Systems & Control Theory*, Thessaloniki :

    Algorithm and Complexity: Fall 2016.

- Technological Educational Institute of Western Macedonia, Greece.

  - Department of Accounting and Finance, Specialization: *Master in Business Administration (MBA)*, Kozani :

    Business Quantitative Methods: Fall 2015, Spring 2016

Undergraduate courses

- Hellenic Open University.

  - School of Social Science, Business Administration Course :

    Quantitative Methods: 2017, 2018, 2019, 2021.

- University of Macedonia, Greece.

  - Department of Applied Informatics, Thessaloniki :

    Introduction to Algorithm Analysis: Spring 2007, 2008.
    Linear Algebra: Fall 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022.
    Combinatorial Optimization: Fall 2013, 2014, 2016 & Spring 2018, 2019, 2020, 2021, 2022, 2023.
    Operational Research: Spring 2014, 2015, 2016, 2017, 2018, 2019, 2021, 2022, 2023.
    Algorithms with C: Fall 2015.
    Linear & Network Programming: Spring 2015, 2016, 2018, 2019, 2020.
    Decision Making Models: Fall 2013, 2014.
    Supply Chain Management: Spring 2014.

– Department of Technology Management, Naoussa :

Operational Research: Spring 2008, 2009, 2010, 2011, 2012, 2013.
Combinatorial Optimization: Fall 2010, 2011, 2012.
Decision Making Models: Fall 2010, 2011, 2012.
Supply Chain Management: Spring 2012, 2013.
Multicriteria Decision Support Systems: Spring 2011.

– Department of Marketing and Operations Management, Edessa :

Operational Research: Fall 2007.

- University of Western Macedonia, Faculty of Engineering, Greece, Kozani.

– Department of Computer Engineering and Telecommunications :

Design and Analysis of Algorithms: Fall 2007.

– Department of Mechanical Engineering (*formerly known as Department of Engineering and Management of Energy Resources*) :

Introduction to Computers: Fall 2008, 2009.

- Technological Educational Institute of Western Macedonia, Greece

– Department of Geotechnology and Environment, School of Technological Applications, Kozani:

Operational Research: Fall 2008 & Spring 09.

– Department of Applied Informatics in Management & Finance, Branch of Grevena:

Introduction to Informatics: Fall 2008.

– Department of Informatics and Computers Technology, Branch of Kastoria:

Numerical Analysis I: Fall 2006.

– Department of Accounting, School of Management and Economy, Kozani:

Data Organization & Management using Databases: Spring 2009.

MENTORING
EXPERIENCE

- Mentoring 2 postgraduate (Postdoctoral) researchers

- Mentoring 1 postgraduate (Ph.D. Level) student

- Mentored 20 postgraduate (M.Sc. Level) students

- Mentored 15 undergraduate (B.Sc. Level) students

PLENARY TALKS

- Invited plenary speaker at the *International Conference on Mathematical Models, Engineering and Environment*, Thessaloniki, Greece, May 26-28, 2023.

- Invited plenary speaker at the *9th International Conference on Variable Neighborhood Search* (ICVNS 2022), Abu Dhabi, United Arab Emirates, October 25-28, 2022.

- Invited plenary speaker at the *3rd International Conference on Modeling, Simulation and Optimization Technologies and Applications* (MSOTA 2020), Beijing, China (virtual attendance), November 22-23, 2020.

- Invited plenary speaker at the *18th International Conference on Mathematical Optimization Theory and Operations Research* (MOTOR 2019), Ekaterinburg, Russia, July 8-12, 2019.

- Invited plenary speaker at the *8th International Conference on Network Analysis* (NET 2018), Moscow, Russia, May 18-19, 2018.

- Invited plenary speaker at the *44th International Symposium on Operational Research* (SYM-OP-IS 2017), Zlatibor, Serbia, September 25-28, 2017.

INVITED TALKS

- Invited talk at the *13th International Conference on Network Analysis* (NET 2023), Nizhny Novgorod, Russia, May 10-12, 2023.

- Invited talk at the *Laboratory of Algorithms and Technologies for Network Analysis*, Nizhny Novgorod, Russia (virtual attendance), March 2, 2022.

- Invited talk at the *Laboratory of Algorithms and Technologies for Network Analysis*, Nizhny Novgorod, Russia (virtual attendance), March 24, 2021.

- Invited talk at the *Mathematical Institute of the Serbian Academy of Sciences and Arts*, Belgrade, Serbia, September 29, 2017.

- Invited talk at the *Mathematical Institute of the Serbian Academy of Sciences and Arts*, Belgrade, Serbia, September 6, 2013.

CONFERENCE CHAIR

- Conference Chair of the *6th International Conference on Variable Neighborhood Search* (ICVNS 2018), Halkidiki, Greece, October 4-7, 2018.

PROGRAM CHAIR

- Program Co-Chair of the *20th International Conference on Intelligent Tutoring Systems*, (ITS 2024), Thessaloniki, Greece, June 10-13, 2023.

- Program Co-Chair of the *9th International Conference on Variable Neighborhood Search*, (ICVNS 2022), Abu Dhabi, U.A.E., October 25-28, 2022.

- Program Co-Chair of the *8th International Conference on Variable Neighborhood Search*, (ICVNS 2021), Abu Dhabi, U.A.E. (online), March 22-24, 2021

- Program Co-Chair of the *7th International Conference on Variable Neighborhood Search*, (ICVNS 2019), Rabat, Morocco, October 3-5, 2019.

- Program Co-Chair of the *6th International Conference on Variable Neighborhood Search* (ICVNS 2018), Halkidiki, Greece, October 4-7, 2018.

RESEARCH / PROFESSIONAL EXPERIENCE

- I have worked as a researcher (with contract) in the project "*Investment forecasting-optimization-management using advanced learning techniques (DeepInvest)*". The project is supported by the Single RTDI State Aid Action "Research-Create-Innovate (2nd Cycle)" within the "Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020 (EPAnEK)", (Oct. 2020 - 2021).

- I have worked as a researcher (with contract) in the project "*Airports as Drivers of Economic Success in Peripheral Regions (ADES)*". The project was supported by the European Union within the Programme "European Observation Network for Territorial Development and Cohesion (ESPON 2013)", Priority 2: "Targeted Analyses", (Dec. 2011 - Dec. 2012).

- I have worked in the project "*Cross-Border Vertical Axes of Entrepreneurship in Support of Youth and Women of the University of Macedonia*". The project was supported by the European Union and National Funds of Greece and Bulgaria, (Sep. 2012 - Oct. 2012).

- I have worked in the project "*Innovation & Business Unit* of the University of Macedonia". The project was supported by the Operational Programme "Education and Lifelong Learning 2007-2013", of the 4th Community Support Framework, (Sep. 2009 - Today).

- I have worked as a researcher (with contract) in the project "*Support of Computer Science Studies*", in the Department of Applied Informatics, University of Macedonia Economic and Social Sciences. The project was supported by the Operational Programme "Education and Primary Vocational Training" (EPEAEK II), of the 3rd Community Support Framework, (Feb. 2007 - Feb. 2008), (Jan. 2006 - May. 2006), and (Jan. 2005 - Sep. 2005).

- I have worked as a researcher (with contract) in the project "*Creation of a prototype engine, for the search and retrieval of 3D objects, and its utilization in e-business applications - altaB23D (e-business-to-3D)*", research project supported by the Operational Programme "Competitiveness", Measure 4.3: "Encouragement of research and the transfer and spread of technology in companies. Support for activities of international scientific and technological cooperation and technology transfer". The project was under the auspicion of the General Secretariat for Research and Technology, of the Ministry of Development, (Jan. 2007 - Dec. 2007).

- I have worked as a researcher (with contract) in the project "Knowledge clusters in Western Macedonia", (2004 - 2006), participation in research programme entitled *Virtual Technopolis*, (Oct. 2004 - Jan. 2005).

- I have worked as a researcher (with contract) in the project "*Computational Improvements in Combinatorial Optimization Algorithms*", research programme conducted in cooperation with the InCoSys (In-telligent Co-operative Sys-tems) of the University of Aegean. The project was supported by the Operational Programme "Education and Primary Vocational Training" (EPEAEK II), of the 3rd Community Support Framework and particularly the programme "PYTHAGORAS I", (Mar. 2004 - May 2004).

RESEARCH / PROFESSIONAL ACTIVITIES

Grant reviews completed for:

- External evaluator of research proposals submitted to the following:

  - Open public competitions entitled "*Basic scientific research and exploratory scientific research conducted by scientific research groups*", 2016-2020, funded by the Russian Science Foundation.
  - Open grant competitions entitled "*On measures designed to attract leading scientists to Russian institutions of higher learning*", 2011, 2013, 2016, funded by the Ministry of Education and Science of the Russian Federation.

- Independent external expert of research proposals, submitted to the COST Open Call OC-2015-1 (European Cooperation in Science and Technology), supported by the EU Framework Program, 2015.

- External evaluator of the Serbian call for proposals in basic research, applied research (technology development) and priority research fields (multidisciplinary integrated research) 2011 - 2014, funded by the Ministry of Science and Technological Development of the Republic of Serbia.

- External evaluator of research proposals submitted to the "2010 FONDECYT National Research Funding Competition". *National Fund for Scientific & Technological Development* (FONDECYT) is the Chilean government research funding agency.

- External evaluator of applications for postgraduate studies 2012-2013, funded by the Greek State Scholarship Foundation (I.K.Y.).

Memberships

- ECCO - European Chapter on Combinatorial Optimization.

- ENOG - European Network Optimization Group.

- VeRoLog - EURO Working Group on Vehicle Routing and Logistics Optimization.

- HELORS - Hellenic Operational Research Society.

Service to professional societies

- Vice Chair of the Branch of Macedonia - Thrace of the Hellenic Operational Research Society, (2010 - 2012).

- Board Member of the Branch of Macedonia - Thrace of the Hellenic Operational Research Society, (2008 - 2012).

Participation in Conference Committees

- Steering committee member:

  – BALCOR: *Balkan Conference on Operational Research.* Member of the steering committee, (2011 - present).

- Program committee member:

  – MIC 2024: *15th Metaheuristics International Conference*, June 4-7, 2024, Lorient, France.
  – PREDICTION SOLUTIONS 2023: *International Conference on Prediction Solutions for Technical and Societal Systems*, November 2023, Valencia, Spain.
  – DATA ANALYTICS 2023: *12th International Conference on Data Analytics*, September 25-29, 2023, Porto, Portugal.
  – *International Conference on Mathematical Models, Engineering, and Environment*, May 26-28, 2023, Thessaloniki, Greece.
  – OPTIMA-2023: *XIII International Conference Optimization and Applications*, September 18-22, 2023, Petrovac, Montenegro.
  – WCO'23: *16th International Workshop on Computational Optimization*, September 17-20, 2023, Warsaw, Poland.
  – MOTOR 2023: *22nd International conference on Mathematical Optimization Theory and Operations Research*, July 2023, Ekaterinburg, Russia.
  – WCO'22: *15th International Workshop on Computational Optimization*, September 4-7, 2022, Sofia, Bulgaria.
  – SYM-OP-IS 2022: *49th International Symposium on Operational Research*, September 19-22, 2022, Vrnjačka Banja, Serbia.
  – DATA ANALYTICS 2022: *11th International Conference on Data Analytics*, November 13-17, 2022, Valencia, Spain.
  – ICVNS 2022: *9th International Conference on Variable Neighborhood Search*, October 2022, Abu Dhabi, United Arab Emirates.
  – MOTOR 2022: *4th International Conference on Mathematical Optimization Theory and Operations Research*, July 2022, Petrozavodsk, Karelia, Russia.
  – PREDICTION SOLUTIONS 2022: *International Conference on Prediction Solutions for Technical and Societal Systems*, July 2022, Nice, Saint-Laurent-du-Var, France.
  – DATA ANALYTICS 2021: *10th International Conference on Data Analytics*, October 03 - October 07, 2021, Barcelona, Spain.
  – OPTIMA-2021: *XII International Conference Optimization and Applications*, September 27 - October 1, 2021, Petrovac, Montenegro.

- SYM-OP-IS 2021: *48h International Symposium on Operational Research*, September 2021, Banja Koviljača, Serbia.
- MOTOR 2021: *Mathematical Optimization Theory and Operations Research*, July 2021, Irkutsk-Baikal, Russia.
- ICVNS 2021: *8th International Conference on Variable Neighborhood Search*, March 2021, Abu Dhabi, United Arab Emirates.
- ICORES 2021 *10th International Conference on Operations Research and Enterprise Systems*, February 2021, Vienna, Austria.
- OPTIMA-2020 *XI International Conference Optimization and Applications*, October 2020, Petrovac, Montenegro.
- SYM-OP-IS 2020 *47th International Symposium on Operational Research*, September 2020, Kraljevo, Serbia.
- MOTOR 2020: *Mathematical Optimization Theory and Operations Research*, July 2020, Novosibirsk, Russia.
- ICORES 2020: *9th International Conference on Operations Research and Enterprise Systems*, February 2020, Valletta, Malta.
- ICVNS 2019: *7th International Conference on Variable Neighborhood Search*, October 2019, Rabat, Morocco.
- OPTIMA-2019: *X International Conference Optimization and Applications*, September 30 - October 4, 2019, Petrovac, Montenegro.
- SYM-OP-IS 2019: *46th International Symposium on Operational Research*, September 2019, Kladovo, Serbia.
- MOTOR 2019: *International conference on Mathematical Optimization Theory and Operations Research*, July 2019, Ekaterinburg, Russia.
- LION 2019: *13th Learning and Intelligent OptimizatioN Conference*, May 2019, Chania, Crete, Greece.
- HELORS 2019: *8th International Symposium & 30th National Conference on Operational Research*, May 2019, Patras, Greece.
- INSAC 2018: *International Science and Academic Congress*, December 2018, Konya, Turkey.
- ICVNS 2018: *6th International Conference on Variable Neighborhood Search*, October 2018, Sithonia, Greece.
- OPTIMA 2018: *IX International Conference on Optimization and Applications*, October 2018, Petrovac, Montenegro.
- SYM-OP-IS 2018: *45th International Symposium on Operational Research*, September 2018, Zlatibor, Serbia.
- ICOR 2018: *International Conference on Operational Research*, September 2018, Constanta, Romania.
- OPTA 2018: *Optimization Problems and Their Applications*, July 2018, Omsk, Russia.
- HELORS 2018: *7th International Symposium & 29th National Conference on Operational Research*, June 2017, Chania, Crete, Greece.
- BALCOR 2018: *XIII Balkan Conference on Operational Research*, May 2018, Belgrade, Serbia.
- ICVNS 2017: *5th International Conference on Variable Neighborhood Search*, October 2017, Ouro Preto, Brazil
- SYM-OP-IS 2017: *44th International Symposium on Operational Research*, September 2017, Zlatibor, Serbia.
- HELORS 2017: *6th International Symposium & 28th National Conference on Operational Research*, June 2017, Thessaloniki, Greece.
- ICVNS 2016: *4th International Conference on Variable Neighborhood Search*, October, 2016, Málaga, Spain.

- SYM-OP-IS 2016 *XLII Symposium on Operational Research*, September 2016, Tara Mountain, Serbia.
- NUBACoM 2016: *Natural, Unconventional, and Bio-inspired Algorithms and Computation Methods Workshop*, October, 2016, Sparta, Greece.
- SYM-OP-IS 2015 *XLII Symposium on Operational Research*, September 2015, Silver Lake Resort, Serbia.
- BALCOR 2015: *12th Balkan Conference on Operational Research*, September 2015, Constanta, Romania.
- IC-BIM 2015: *International Conference on Business Informatics and Modelling*, October, 2015.
- ICVNS 2014: *3rd International Conference on Variable Neighborhood Search*, October, 2014, Djerba, Tunisia.
- BALCOR 2013: *11th Balkan Conference on Operational Research*, September 2013, Belgrade-Zlatibor, Serbia.
- MEC XXVIII - VNS: *28th EURO Mini Conference on Variable Neighborhood Search*, October 2012, Herceg Novi, Montenegro.
- BALCOR 2011: *1st International Symposium and 10th Balkan Conference on Operational Research*, September 2011, Thessaloniki, Greece.

- Organizing committee member:

  - CPAIOR 2019: *16th International Conference on the Integration of Constraint Programming, Artificial Intelligence, and Operations Research*, June 2019, Thessaloniki, Greece.
  - HELORS 2017: *6th International Symposium & 28th National Conference on Operational Research*, June 2017, Thessaloniki, Greece.
  - HELORS 2006: *18th National Conference of Hellenic Operational Research Society*, June 2006, Kozani, Greece.
  - HAICTA 2004: *2nd International Conference on Information and Communication Technologies for Sustainable Agri-production and Environment*, March 2004, Thessaloniki, Greece.
  - ITiCSE 2003: *8th ACM Annual Conference on Innovation and Technology in Computer Science Education*, June 2003, Thessaloniki, Greece.

Editorial Memberships

- Associate Editor of *Operations Research Forum*, Springer
  (Editorial Board member: 2022 – present).

- Area Editor of *Yugoslav Journal of Operations Research*
  (Editorial Board member: 2012 – present).

- *Mathematical Problems in Engineering*, Hindawi
  (Editorial Board member: 2020 – present).

Reviewer in peer reviewed international series of research monographs

- *SpringerBriefs in Optimization*, Springer.

- *Palgrave Handbooks*, Macmillan International.

Reviewer in peer reviewed journals (number of papers refereed per journal can be found online at my Publons profile: https://publons.com/researcher/482909/angelo-sifaleras)

- *Journal of Heuristics*, Springer.

- *Journal of Combinatorial Optimization*, Springer.

- *Journal of Global Optimization*, Springer.

- *Optimization Letters*, Springer Berlin / Heidelberg.
- *Computational Optimization and Applications*, Springer Berlin / Heidelberg.
- *Annals of Operations Research*, Springer Berlin / Heidelberg.
- *Annals of Mathematics and Artificial Intelligence*, Springer.
- *Soft Computing*, Springer.
- *Operational Research. An International Journal*, Springer Berlin / Heidelberg.
- *SN Operations Research Forum*, Springer.
- *Swarm Intelligence*, Springer.
- *Journal of Remanufacturing*, Springer.
- *Data in Brief*, Springer.
- *Energy Systems*, Springer-Verlag.
- *Journal of Medical Systems*, Springer Netherlands.
- *Omega*, Elsevier Ltd.
- *Knowledge-Based Systems*, Elsevier Ltd.
- *Expert Systems with Applications*, Elsevier Ltd.
- *European Journal of Operational Research*, Elsevier Ltd.
- *Computers & Operations Research*, Elsevier Ltd.
- *International Journal of Production Economics*, Elsevier Ltd.
- *Applied Soft Computing*, Elsevier Ltd.
- *Applied Mathematical Modelling*, Elsevier Ltd.
- *Computers & Industrial Engineering*, Elsevier Ltd.
- *Computers & Mathematics with Applications*, Elsevier Ltd.
- *Scientia Iranica*, Elsevier B.V.
- *IEEE Access*, IEEE.
- *IEEE Communications Letters*, IEEE.
- *Optimization Methods and Software*, Taylor & Francis Publications.
- *International Journal of Production Research*, Taylor & Francis Publications.
- *International Journal of Computer Integrated Manufacturing*, Taylor & Francis Publications.
- *Journal of Statistical Computation and Simulation*, Taylor & Francis Publications.
- *Systems Science & Control Engineering*, Taylor & Francis Publications.
- *Economic Research - Ekonomska Istraživanja*, Taylor & Francis Publications.
- *International Transactions in Operational Research*, John Wiley & Sons Ltd.
- *Computer Applications in Engineering Education*, Wiley Periodicals, Inc.
- *Journal of Multi-Criteria Decision Analysis*, Wiley Periodicals, Inc.
- *INFORMS Transactions on Education*, INFORMS.
- *IMA Journal of Management Mathematics*, Oxford University Press.
- *Computer Journal*, Oxford University Press.

- *The Yugoslav Journal of Operations Research.*

- *Advances in Operations Research*, Hindawi Publishing Corporation.

- *Mathematical Problems in Engineering*, Hindawi Publishing Corporation.

- *Mathematics*, Hindawi Publishing Corporation.

- *Complexity*, Hindawi Publishing Corporation.

- *Carpathian Journal of Mathematics.*

- *Production*, published by Brazilian Association of Production Engineering.

- *International Journal of Applied Management Science*, Inderscience Enterprises Ltd.

- *International Journal of Multicriteria Decision Making*, Inderscience Enterprises Ltd.

- *International Journal of Decision Support Systems*, Inderscience Enterprises Ltd.

- *AIMS Mathematics*, AIMS Press.

- *Mathematics*, MDPI.

- *Journal of Computational Methods in Sciences and Engineering*, IOS Press.

- *Journal of Computational Optimization in Economics and Finance*, Nova Science Publishers.

- *Nigerian Journal of Technological Research*, The Official Journal of the Federal University of Technology, Minna.

Also, I am an invited reviewer for *Mathematical Reviews* (*MathSciNet* database), of the American Mathematical Society (AMS) since 2015.

PUBLICATIONS IN
INTERNATIONAL
JOURNALS,
BOOKS, AND
CONFERENCES

Authored Books

1. Sifaleras A. and Stephanides G., *Linear Algebra with MATLAB and SageMath* (in Greek), 2nd edition, TZIOLAS Publications, Thessaloniki, ISBN: 978-960-418-901-4, 2021.

2. Paparrizos K., Samaras N., and Sifaleras A., *Network Optimization* (in Greek), ZY-GOS Publications, Thessaloniki, Greece, ISBN: 978-960-8065-68-0, 356 p., 2009.

Edited Books

1. Sleptchenko A., Sifaleras A., and Hansen P. (Eds.), Variable Neighborhood Search, *9th International Conference, ICVNS 2022, Abu Dhabi, U.A.E., October 25-28, 2022, Revised Selected Papers*, LNCS, Vol. 13863, Springer-Verlag, 2023.

2. Mladenović N., Sleptchenko A., Sifaleras A., and Omar M. (Eds.), Variable Neighborhood Search, *8th International Conference, ICVNS 2021, Abu Dhabi, U.A.E., March 21-25, 2021, Revised Selected Papers*, LNCS, Vol. 12559, Springer-Verlag, 2021.

3. Benmansour R., Sifaleras A., and Mladenović N., (Eds.), Variable Neighborhood Search, *7th International Conference, ICVNS 2019, Rabat, Morocco, October 3-5, 2019, Revised Selected Papers*, LNCS, Vol. 12010, Springer-Verlag, 2020.

4. Mladenović N., Sifaleras A., and Kuzmanović M., (Eds.), *Advances in Operational Research in the Balkans*, Springer Proceedings in Business and Economics, Springer International Publishing, 2020.

5. Sifaleras A., Salhi S., and Brimberg J., (Eds.), Variable Neighborhood Search, *6th International Conference, ICVNS 2018, Sithonia, Greece, October 4–7, 2018, Revised Selected Papers*, LNCS, Vol. 11328, Springer, Cham, 2019.

6. Sifaleras A. and Petridis K. (Eds.), *Operational Research in the Digital Era – ICT Challenges*, Springer Proceedings in Business and Economics, Springer, Cham, 2019.

7. Migdalas A., Sifaleras A., Georgiadis C.K., Papathanasiou J., and Stiakakis E. (Eds.), *Optimization Theory, Decision Making, and Operations Research Applications*, Springer Proceedings in Mathematics & Statistics, Vol. 31, Springer New York, 2013.

8. Sifaleras A., Urošević D., and Mladenović N. (Eds.), *Book of Proceedings of the 28th EURO Mini Conference on Variable Neighborhood Search* (MEC XXVIII - VNS), Belgrade, Serbia, ISBN: 978-86-7680-260-9, 296 p., 2012.

Articles in Peer-Reviewed International Journals

1. Souravlas S., Anastasiadou S., and Sifaleras A., Mathematical modeling for further improving task scheduling on Big Data systems, Vol. 20, No. 1, Article ID 40, *Computational Management Science*, Springer, 2023.

2. Sifaleras A., In memory of Professor Nenad Mladenović (1951–2022), *Operations Research Forum*, Springer, Vol. 4, No. 1, Article ID 6, 2023.

3. Kalatzantonakis P., Sifaleras A., and Samaras N., A reinforcement learning - variable neighborhood search method for the capacitated vehicle routing problem, *Expert Systems with Applications*, Elsevier, Vol. 213, Article ID 118812, 2023.

4. Elidrissi A., Benmansour R., and Sifaleras A., General variable neighborhood search for the parallel machine scheduling problem with two common servers, *Optimization Letters*, Springer, Vol. 17, No. 9, pp. 2201–2231, 2023.

5. Karakostas P. and Sifaleras A., A double-adaptive general variable neighborhood search algorithm for the solution of the traveling salesman problem, *Applied Soft Computing*, Elsevier, Vol. 121, Article ID 108746, 2022.

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1. Petridis K., Sifaleras A., and Arabatzis G., A bilevel scheduling algorithm for maximizing NPV in forests with different rotation ages, accepted for presentation at the *5th Conference on Economics of Natural Resources and the Environment* (5th ENVECON), 1-3 November, Volos, Greece, pp. 40, (book of abstracts), 2018.

2. Lelaki K. and Sifaleras A., Facility location: Mathematical models and applications, *presented in the 12th Student Conference on Management Science and Technology*, 14 May, Athens, Greece, pp. 97–99 (book of abstracts), 2015, (in Greek).

3. Stiakakis E. and Sifaleras A., Comparing DEA and AHP Methodologies: A Case Study on Information and Communication Technology Industries, *presented in the 7th Multicriteria Decision Analysis meeting*, 30/9-2/10, Orestiada, (book of abstracts), 2010.

4. Geranis G., Paparrizos K. and Sifaleras A., Computational experience with a dual network exterior point simplex algorithm for the minimum cost network flow problem, *presented in the 20th National Conference of Hellenic Operational Research Society* (HELORS), 19-21 June, Spetses, Greece, pp. 25–26 (book of abstracts), 2008.

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1. Paparrizos K. and Sifaleras A., Combinatorial optimization and its use in modeling military applications (in Greek), *Joint Review*, ADISPO Publications, Vol. 12, pp. 51–62, 2008.

2. Paparrizos K. and Sifaleras A., Operations research algorithms and their applications in the armed forces (in Greek), *Joint Review*, ADISPO Publications, Vol. 11, pp. 90–99, 2008.

PROFILE IN CITATIONS DATABASES OF PEER-REVIEWED LITERATURE

- **Google Scholar**:
  http://scholar.google.gr/citations?user=7tzEftkAAAAJ.

- **Scopus**:
  http://www.scopus.com/authid/detail.url?authorId=6504457336.

- **Publons (Independently-verified peer review record)**:
  https://publons.com/researcher/482909/angelo-sifaleras.

- **ORCID (Open Researcher and Contributor ID)**:
  http://orcid.org/0000-0002-5696-7021.

TECHNICAL SKILLS

Programming: Python, SageMath, Fortran, Matlab.

Optimization software packages: AMPL, Gurobi optimizer, SAITECH DEA Solver Pro, D-Sight, Palisade PrecisionTree, POM-QM for Windows, WinQSB, Excel Solver.

Applications: LaTeX, BibTeX, Gnuplot.