

Georgios Mamanis – Curriculum Vitae

Personal Information

- Date of birth: 03-02-1982
- Military Obligations: Fulfilled
- Address: Maikhna 42, Zografou - Athens, Attica, P.C. 15772
- E-mail: gmamanis@pme.duth.gr
- LinkedIn: [\(6\) Dr. Georgios Mamanis | LinkedIn](#)
- Google Scholar: [Georgios Mamanis - Μελετητής Google](#)

Education

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| 2023 - Today | MSc. Candidate in Philosophy and Management , Department of Philosophy and Department of Economics, National and Kapodistrian University of Athens. |
| 2023 - Today | MPhil Candidate in Computer Science and Informatics , Department of Informatics and Telematics. Harokopio University of Athens. |
| 2007 - 2012 | Doctor of Philosophy (Ph.D.) , “Financial Portfolio Optimization using Multiobjective Evolutionary Algorithms”, Department of Production & Management Engineering, School of Engineering, Democritus University of Thrace. |
| 2001 - 2006 | Diploma in Production and Management Engineering (7.42) , Department of Production & Management Engineering, School of Engineering, Democritus University of Thrace. |

Working Experience

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| September 2025 - Today | Assistant Professor , International Hellenic University, Department of Accounting and Information Systems. <ul style="list-style-type: none">• Finance – Financial Technology (FinTech). |
| June 2019 – September 2025 | Business Consultant – SQL Developer , CGSoft <ul style="list-style-type: none">• Analysis of Business requirements for data warehousing, analytics, business process management.• Development using Microsoft SQL Server.• Educating the personnel. |
| October 2019 – Dec. 2019/
November 2021 – Dec. 2021 | Research associate , University of Thessaly, AGROTHES. Research subject: Perspective of Agroforestry in Thessaly region: A research on social, environmental and economic aspects to enhance farmer participation. <ul style="list-style-type: none">• Study of the predicted evolution of different land uses in the Area of Mouzaki, Karditsa, Greece.• Study of CLUE-S (Conversion of Land Use and its Effects at Small regional extent).• Using operations research’s optimization models for calculating the demands required by CLUE-S.• Economic analysis for calculating the parameters of the optimization models for different land uses. |
| July - August 2004 | Practical training , Aluminium of Greece |

Teaching Experience

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| October 2018 – June 2019 | Academic Scholar , University of Thessaly, Department of Accounting and Finance. Teaching the courses: Quantitative Issues in Finance, Investment Analysis and Portfolio Management. |
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October 2016 - June 2018	Academic Scholar , University of Applied Sciences (T.E.I.) of Thessaly, Department of Accounting and Finance. Teaching the courses: Quantitative Issues in Finance, Investment Analysis and Portfolio Management, Stock Exchange Investments, Investment Strategies, Risk Management and Financial Markets.
October 2012 - February 2013	Adjunct Lecturer , University of the Aegean, Department of Financial and Management Engineering, Postgraduate program in Economics and Management for Engineers, Teaching the course Financial Mathematics. Total 21 teaching hours.
October 2009 - February 2010	Timeworker educator , Vocational Training SA, O.A.E.D, I.E.K of Serres, Instructing of course Mechanics – Materials Strength. Specialty Gas Fuels Technician. Total 45 teaching hours.
October 2008 - January 2009	Teaching assistant (As Ph.D. candidate) , Department of Production & Management Engineering, School of Engineering, Democritus University of Thrace, Conduct of exercises of the course Engineering Economics.
October 2007 - February 2008	Timeworker educator , Vocational Training SA, O.A.E.D, I.E.K of Serres, Instructing of course “Materials Technology”. Specialty Gas Fuels Technician. Total 30 teaching hours.
October 2007 - January 2008	Teaching assistant (As Ph.D. candidate) , Department of Production & Management Engineering, School of Engineering, Democritus University of Thrace, Conduct of exercises of the course Engineering Economics.

Other Skills

Computer skills: C, C++, Java, SQL, MS Office, VBA, CPLEX.

Language skills: English (good knowledge, ECCE), Greek (Native).

Citations in the Published Work

Total Citations in Scopus: 462

Total Citations in Google Scholar: 794

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Publications in Refereed Scientific Journals

1. Violos J., Mamanis G., Kompatsiaris I., Papadopoulos S. (2025). Cognition and context-aware decision-making systems for a sustainable planet: a survey on recent advancements, applications and open challenges. *Discover Sustainability*, 6(235).
2. Nasiakou S., Vrahnakis M., Chouvardas D., Mamanis G., Kleftoyanni V. (2022). Land Use Changes for Investments in Silvoarable Agriculture Projected by the CLUE-S Spatio-Temporal Model. *Land*, 11(5):598. **(16 citations)**
3. Mamanis G., Vrahnakis M., Chouvardas D., Nasiakou S., Kleftoyanni V. (2021). Land Use Demands for the CLUE-S Spatiotemporal Model in an Agroforestry Perspective. *Land*, 10(10):1097. **(21 citations)**
4. Mamanis G. (2021). Analyzing the performance of a two-tail-measures-utility multi-objective portfolio optimization model. *Operations Research Forum*, 2(58): doi: <https://doi.org/10.1007/s43069-021-00106-8>.
5. Mamanis G. (2017). Portfolio Optimization with Metaheuristics. *Finance and Market*, 2(2): doi: 10.18686/fm.v2i2.1048 **(6 citations)**
6. Mamanis G., Anagnostopoulos K. P. (2011). Multiobjective optimization of a discrete mean-variance-skewness portfolio selection model using SPEA2. *Journal of Financial Decision Making*, 7(2):75-88. **(1 citation)**
7. Anagnostopoulos K. P., Mamanis G. (2011). Multiobjective evolutionary algorithms for complex portfolio optimization problems. *Computational Management Science*, 8(3):259-279. **(105 citations)**

8. Anagnostopoulos K.P., Mamanis, G. (2011). The mean-variance cardinality constrained portfolio optimization problem: An experimental evaluation of five multiobjective evolutionary algorithms. *Expert Systems with Applications*, 38(11):14208-14217. **(249 citations)**
9. Mamanis G., Anagnostopoulos K. P. (2011). Constrained mean-risk portfolio optimization: An application of multiobjective simulated annealing. *International Journal of Financial Markets and Derivatives*, 2(1):50-67. **(3 citations)**
10. Anagnostopoulos K. P., Mamanis G. (2010). Using Multiobjective Algorithms to Solve the Discrete Mean-Variance Portfolio Selection. *International Journal of Economics and Finance*, 2(3):152-162. **(8 citations)**
11. Anagnostopoulos K. P., Mamanis G. (2010). A portfolio optimization model with three objectives and discrete variables. *Computers & Operations Research*, 37(7):1285-1297. **(300 citations)**
12. Anagnostopoulos K. P., Mamanis G. (2009). Finding the Efficient Frontier for a Mixed Integer Portfolio Choice Problem Using a Multiobjective Algorithm. *iBusiness*, 1:99-105. **(5 citations)**

Publications in Edited Volumes

1. Mamanis G., Kostarelou E. (2024). Multiobjective Optimization of Mean–Variance–Downside-Risk Portfolio Selection Models. *Maglaras L.A., Das S., Tripathy, N., Patnaik, S. (eds.), Machine Learning Approaches in Financial Analytics. Intelligent Systems Reference Library, vol 254. Springer*, pp. 251-275.
2. Mamanis G., (2021). A Comparative Study on Multi-objective Evolutionary Algorithms for Tri-objective Mean-Risk-Cardinality Portfolio Optimization Problems. *S. Patnaik et al. (eds.), Computational Management, Modeling and Optimization in Science and Technologies 18, Springer Nature Switzerland AG 2021*, pp. 277-303. **(2 citations)**
3. Mamanis G., Anagnostopoulos K. P. (2013). Mean-Variance Portfolio Optimization with Cardinality and Class Constraints using Multiobjective Evolutionary Algorithms. *N. S. Thomaidis, G. H. Dash (eds), Recent advances in computational finance, Nova Science Publishers, NY*, pp. 117-147. **(1 citation)**

Other Academic Activities

Reviewer in the following scientific journals

- Computers & Operations Research
- Applied Soft Computing
- Expert Systems with Applications
- International Journal of Financial Markets and Derivatives
- International Journal on Artificial Intelligence Tools
- International Journal of Operational Research
- International Journal of Computer Mathematics
- Journal of Experimental & Theoretical Artificial Intelligence
- Journal of the Operational Research Society
- Engineering Optimization
- Mathematics

Editorships

- Editorial board, Finance and Market

Other

- Mentor at IRNet

Invited Talks

- Portfolio optimization problems. Department of Computer Science & Engineering, Faculty of Engineering and Technology (ITER), Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar, Odisha, India, July 2021.

Organized Conferences

- Member of the Committee. *The 4th International Conference on Decision Science & Management*, Changsha, China, 7-9 January 2022.
- Member of the Committee. *International Conference on Computational Finance and Business Analytics (CFBA-2023)*, Bhubaneswar, India, 29-30 April 2023.
- Member of the Committee. *International Conference on Computational Finance and Business Analytics (CFBA-2024)*, Bhubaneswar, India, 05-06 April 2024.
- Member of the Committee. *International Conference on Computational Finance and Business Analytics (CFBA-2025)*, Bhubaneswar, India, 04-05 April 2025.

Certifications

- Microsoft certified Azure Data Engineer Associate

Professional Memberships

- Technical Chamber of Greece