

## Email

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## Expertise

Maritime finance, economics and management

## Bio

Dr. Konstantinos A. Chrysafis is an Associate Professor at the Department of Shipping, Trade and Transport, Business School, University of the Aegean, in the field of “Maritime Finance, Economics and Management” and teaching staff at the Hellenic Open University. He has carried out seven (7) autonomous Postdoctoral Researches, four (4) at the Department of Civil Engineering - Democritus university of Thrace in the fields of project and risk management and financial engineering in uncertain environments, one (1) at the Department of Maritime Studies - University of Piraeus in the field of financial risk management in Shipping, and two (2) at the Department of Tourism Economics and Management - University of the Aegean in the fields of crisis management and financial management of shipping companies. He has taught in both central and regional Greek Universities, in undergraduate and postgraduate level. He has supervised a significant number of postgraduate theses as a first supervisor and as a member of the advisory committee. Dr. Chrysafis has published numerous articles in international peer-reviewed scientific journals while he himself serves as both an editor and a reviewer in many international journals of recognized scientific prestige. From 2013 to 2017 he worked as a scientific staff member at the Ministry of Finance in the Strategic Planning of the General Secretariat for Public Revenue. During his tenure, he worked as a Public Finance Analyst and Strategic Planning Specialist, while in addition to these, he supported with physical presence the positions of the Ministry of Finance and the General Secretariat for Public Revenue in the negotiations with the Troika-Institutions. Dr. Chrysafis has served as a scientific associate of the Deputy Minister of Development, as well as during his tenure at the Ministry of Finance, among other duties, he served as an advisor to the Secretary General of Public Property. From 2017 to February 2024, he worked at the Independent Authority of Public Revenue (I.A.P.R.) as a Senior Program and Project Manager for the execution of I.A.P.R.'s projects.

## Research Interests

Modeling under Uncertainty

Maritime Finance and Management

Transportation Modeling and Forecasting under Uncertain Environments

Financial Engineering

## Selected Publications

- Chrysafis, K.A., & Papadopoulou G.C., Theotokas, I.N., (2024) Measuring financial performance through operating business efficiency in the global cruise industry: A fuzzy benchmarking study on the big three, *Tourism Management* (100) 104830
- Diavastis, I.E.; Chrysafis, K.A.; Papadopoulou, G.C. (2024) Determinants of Accounting Information Systems Success: The Case of the Greek Hotel Industry. *Int. J. Financial Stud.*, 12, 42. <https://doi.org/10.3390/ijfs12020042>
- Chrysafis K.A., Theotokas, I.N., Papadopoulou G.C., (2023) An interdisciplinary crisis management approach based on day-to-day business operations and project delivering for typical cruise companies. *International journal of Decision Sciences, Risk and Management*, in press, DOI: 10.1504/IJDSRM.2023.10058629
- Chrysafis, K.A., & Papadopoulou G.Ch., (2023). COVID-19 crisis era: Financial investments of the dominant cruise companies as a component of the global economic recovery and eventual growth. *Journal of Tourism and Management Research*, 8(1):1112-1124, 2023.
- Chrysafis, K. A., Theotokas, I. N., & Lagoudis, I. N. (2022). Managing fuel price variability for ship operations through contracts using fuzzy TOPSIS. *Research in Transportation Business & Management*, 43, 100778. <https://doi.org/10.1016/j.rtbm.2021.100778>

- Chrysafis, K. A., & Papadopoulos, B. K. (2021). Decision Making for Project Appraisal in Uncertain Environments: A Fuzzy-Possibilistic Approach of the Expanded NPV Method. *Symmetry*, 13(1), 27. <https://doi.org/10.3390/sym13010027>
- Chrysafis, K. A., & Papadopoulos, B. K. (2015). Possibilistic Moments for the Task Duration in Fuzzy PERT. *Journal of Management in Engineering*, 31(5). [https://doi.org/10.1061.\(asce\)me.1943-5479.0000296](https://doi.org/10.1061.(asce)me.1943-5479.0000296)
- Chrysafis, K. A., & Papadopoulos, B. K. (2014). Approaching activity duration in PERT by means of fuzzy sets theory and statistics. *Journal of Intelligent & Fuzzy Systems*, 26(2), 577–587. <https://doi.org/10.3233/ifs-120751>
- Chrysafis, K. A., Panagiotakopoulos, D., & Papadopoulos, B. K. (2012). Hybrid (fuzzy stochastic) modelling in construction operations management. *International Journal of Machine Learning and Cybernetics*, 4(4), 339–346. <https://doi.org/10.1007.s13042-0120093-9>
- Chrysafis, K. A. (2012). Corporate investment appraisal with possibilistic CAPM. *Mathematical and Computer Modelling*, 55(3–4), 1041–1050. <https://doi.org/10.1016.j.mcm.2011.09.029>
- Chrysafis, K. A., & Papadopoulos, B. K. (2009). Cost–volume–profit analysis under uncertainty: a model with fuzzy estimators based on confidence intervals. *International Journal of Production Research*, 47(21), 5977–5999. <https://doi.org/10.1080.00207540802112660>
- Chrysafis, K. A., & Papadopoulos, B. K. (2009). On theoretical pricing of options with fuzzy estimators. *Journal of Computational and Applied Mathematics*, 223(2), 552–566. <https://doi.org/10.1016.j.cam.2007.12.006>
- Chrysafis, K. A., Papadopoulos, B. K., & Papaschinopoulos, G. (2008). On the fuzzy difference equations of finance. *Fuzzy Sets and Systems*, 159(24), 3259–3270. <https://doi.org/10.1016.j.fss.2008.06.007>