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Christina Diakaki is Associate Professor with the School of Social Sciences of the Hellenic Open University with specialty «Quantitative Methods in Management». She holds Diploma in Production and Management Engineering from the Technical University of Crete, Greece (1991), M.Sc. in Operations Management from the Victoria University of Manchester, UK (1993), and PhD in Decision Science and Operations Research from the Technical University of Crete, Greece (2000). She has over 20 years of teaching experience in undergraduate and postgraduate study programs, while she has participated in many research projects funded by the European Commission and other national and international, public and private bodies. She is Deputy Editor-in-Chief of the Intelligent Transport Systems scientific journal of the Institution of Engineering and Technology (IET-ITS), UK, and Associate Editor of the Heliyon journal (for the Business and management section). She acts as reviewer for numerous scientific journals and conferences, and she is the author or co-author of numerous research reports, collective volume chapters, and papers in scientific and technical journals and conferences. Her research interests include decision analysis and operations research, optimization, modeling and simulation of dynamic and other systems, and statistical data analysis with applications to management problems in the fields of Transport, Energy and Environment and Business/Organizations.

Selected publications:

1. Diakaki, C., Papageorgiou, M., and Aboudolas, K. (2002). A multivariable regulator approach to traffic-responsive network-wide signal control. *Journal of Control Engineering Practice* 10, 183-195.
2. Diakaki, C., Grigoroudis, E., and Stabouli, M. (2006). A risk assessment approach in selecting environmental performance indicators. *Management of Environmental Quality: An International Journal* 17(2), 126-139.
3. Diakaki, C., Grigoroudis, E., Kabelis, N., Kolokotsa, D., Kalaitzakis, K., and Stavrakakis, G. (2010). A multi-objective decision model for the improvement of energy efficiency in buildings. *Energy: The International Journal* 35, 5483-5496.
4. Panagiotidou, N. Stavrakakis, G.S., Diakaki, C. (2015). Sustainable urban solid waste management planning with the use of an advanced interactive decision support system based on the PROMETHEE II method. *International Journal of Decision Support Systems* 1(3), 294-324.
5. Diakaki, C., Papageorgiou, M., Papamichail, I., Nikolos, I. K. (2015). Overview and analysis of vehicle automation and communication systems from a motorway traffic management perspective. *Transportation Research Part A: Policy and Practice* 75, 147-165.
6. Fevranoglou, G., and Diakaki, C. (2019). Risk management in construction projects: A study on the state-of-practice. *International Journal of Decision Sciences, Risk and Management* 8(4), 197-219.
7. Michailidis, I.T., Manolis, D., Michailidis, P., Diakaki, C., and Kosmatopoulos, E.B. (2020). A decentralized optimization approach employing cooperative cycle-regulation in an intersection-centric manner: a complex urban simulative case study. *Transportation Research Interdisciplinary Perspectives* 8 (100232) (<https://doi.org/10.1016/j.trip.2020.100232>).
8. Diakaki, C., Banani, N., and Grigoroudis, E. (2020). Virtual incubators and online business tools for agro-food SMEs. In Krassadaki, E., Baourakis, G., Zopounidis, C., and Matsatsinis, N. (Eds.), *Operational Research in Agriculture and Tourism*, Cooperative Management Series, Springer Nature Switzerland AD, 27-48.
9. Diakaki, C., and Grigoroudis, E. (2021). Improving Energy Efficiency in Buildings Using an Interactive Mathematical Programming Approach. *Sustainability* 13(8), 4436, (<https://doi.org/10.3390/su13084436>).
10. Daskalou, K, and Diakaki, C. (2021). Day ahead electricity price forecasting in coupled markets: An application in the Italian market. In Manolitzas, P., Zopounidis, C., Talias, M., Grigoroudis, E., and Matsatsinis, N., *Interdisciplinary Perspectives on Operations Management and Service Evaluation*, IGI Global, 1-29.