D i m i t r i o s N a l m p a n t i s

Lab. Teaching Faculty / Transportation Systems with Emphasis on Road Safety / Aristotle University of Thessaloniki

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Dimitrios Nalmpantis is a member of the Lab. Teaching Faculty at Aristotle University of Thessaloniki (AUTh), School of Civil Engineering, specialising in Transportation Systems with an emphasis on Road Safety. He holds a Civil Engineering MEng (2000) and a PhD (2009) from AUTh, an MBA from the University of Macedonia (2017), an MA in Humanities from the Hellenic Open University (HOU, 2012), and an MSc in Information Systems from HOU (2020). His teaching covers Transportation Systems, Transportation Planning, Transportation Economics, etc. His research interests encompass sustainable mobility, public transport, freight transport, accessibility, traffic psychology and new transport technologies. He uses multicriteria methods and conjoint analysis to evaluate transport services, technical infrastructure and management decisions. He has participated in research projects and published in international scientific journals on transport management, innovation and sustainable urban mobility. At HOU, he teaches SCM12 Transportation Systems Management in the postgraduate programme in Supply Chain Management.

Selected Publications

1. Guido, G., Nalmpantis, D., Pirri, P., & Zinno, R. (2025). Home–University Travel Plan for sustainable mobility: A comparative study between the Aristotle University of Thessaloniki and the University of Calabria. *Sustainability, 17*(1), 345. https://doi.org/10.3390/su17010345
2. Nagkoulis, N., Nalmpantis, D., & Bearman, N. (2024). KASSANDRA Model: Detecting dangerous traffic conditions by modeling drivers' internal stress energy. *The Open Transportation Journal, 18,* e26671212296402. https://doi.org/10.2174/0126671212296402240313055936
3. Petroutsatou, K., Ladopoulos, I., & Nalmpantis, D. (2023). Hierarchizing the criteria of construction equipment procurement decision using the AHP method. *IEEE Transactions on Engineering Management, 70*(9), 3271–3282. https://doi.org/10.1109/TEM.2021.3080117
4. Papadima, G., Genitsaris, E., Karagiotas, I., Naniopoulos, A., & Nalmpantis, D. (2020). Investigation of acceptance of driverless buses in the city of Trikala and optimization of the service using Conjoint Analysis. *Utilities Policy, 62*, 100994. https://doi.org/10.1016/j.jup.2019.100994
5. Nalmpantis, D., Roukouni, A., Genitsaris, E., Stamelou, A., & Naniopoulos, A. (2019). Evaluation of innovative ideas for Public Transport proposed by citizens using Multi-Criteria Decision Analysis (MCDA). *European Transport Research Review, 11,* 22. https://doi.org/10.1186/s12544-019-0356-6