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Integrated Researcher

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Curriculum

Education:

2007: Doctor of Technological Science (Transport engineering), Vilnius Gediminas Technical University
 2002: Master of Business and Administration, Vilnius Gediminas Technical University,
 2000: Bachelor of Economics and Management of Transport Engineering, Vilnius Gediminas Technical University

Research interests: logistics, material flows management, supply chain management

Language: Lithuanian, English, German (basic)

Work experience:

2023 till now: 2023 till now: Chief researcher of Institute of Dynamic Management, Business Management faculty, Vilnius Gediminas Technical University (VILNIUS TECH)
 2022: Head of Business Technologies and Entrepreneurship Department, Faculty of Business Management, Vilnius Gediminas Technical University -VILNIUS TECH
 2020-2023: Head of the Research Group on Logistics and Defense Technology Management, General Jonas Žemaitis Military Academy of Lithuania
 2020: Chief researcher, Research Group on Logistics and Defense Technology Management, General Jonas Žemaitis Military Academy of Lithuania
 2019: Professor, Department of Business Technologies and Entrepreneurship, Vilnius Gediminas Technical University
 2018-2020: Chief researcher, Research Center, General Jonas Žemaitis Military Academy of Lithuania

2013: Integrated Research of BRU-Iscte - Business Research Unit, University Institute of Lisbon
 2011-2019: Vice Dean, Faculty of Business Management, Vilnius Gediminas Technical University
 2008-2019: Associate professor, Department of Business Technology, Vilnius Gediminas Technical University
 2010-2013: Associate professor, Department of Marketing, Vilnius University
 2009-2013: Associate professor, Department of Logistics Management, Faculty of Business Management, International School of Law and Business
 2007-2009: Head of Transport Management Department, Faculty of Economics, International School of Law and Business
 2007-2008: Lecturer, Department of Business Technology, Vilnius Gediminas Technical University
 2003-2007: Associate professor, Department of Business Service, Faculty of Economics, International School of Law and Business
 2002-2003: Young researcher, department of Transport Management, faculty of Transport Engineering, Vilnius Gediminas Technical University

Research Interests

Logistics, material flows management, supply chain management, business management

Academic Qualifications

University/Institution	Type	Degree	Period
Vilnius Gediminas Technical University	PhD	Phd	2007
Vilnius Gediminas Technical University	M.Sc.	M.Sc.	2002
Vilnius Gediminas technical university	Bachelor of Science	Bachelor of Science	2000

Total Citations

Web of Science®	1139
Scopus	1024

Publications

• Scientific Journals

- Scientific journal paper

1	<p>Prazeres, V. M. C. E., Ferreira, F. A. F., Ferreira, N. C. M. Q. F., Ferreira, J. J. M. & Meidute-Kavaliauskiene, I. (N/A). "Who comes next?": Planning and managing sustainable initiatives that facilitate family business succession. Journal of Family and Economic Issues. N/A - Times Cited Google Scholar: 4</p>
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2	<p>Ferreira, F., Kannan, D., Meidute-Kavaliauskiene, I. & Vale, I. (2026). A sociotechnical approach to vaccine manufacturer selection as part of a global immunization strategy against epidemics and pandemics. <i>Annals of Operations Research</i>. 360 (1), 453-482</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 14 - Times Cited Scopus: 8 - Times Cited Google Scholar: 17
3	<p>Ferreira, F. A. F. & Meidute-Kavaliauskiene, I. (2025). Toward a sustainable supply chain for social credit: Learning by experience using single-valued neutrosophic sets and fuzzy cognitive maps. <i>Annals of Operations Research</i>. 349 (2), 553-574</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 32 - Times Cited Scopus: 27 - Times Cited Google Scholar: 52
4	<p>Santos, M., Ferreira, F., Ferreira, N., Ferreira, J. & Meidute-Kavaliauskiene, I. (2024). Exploring the dynamics of high-growth determinants for gazelle companies using interpretive structural modeling. <i>Journal of Small Business and Enterprise Development</i>. 31 (5), 905-928</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 5 - Times Cited Scopus: 5 - Times Cited Google Scholar: 5
5	<p>Estupendo, G., Ferreira, F., Govindan, K., Correia, R., Pereira, L. & Meidute-Kavaliauskiene, I. (2023). "Life after coal": renewable energy impacts on SME conduct. <i>IEEE Transactions on Engineering Management</i>. 70 (10), 3571-3586</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 7 - Times Cited Scopus: 6 - Times Cited Google Scholar: 6
6	<p>Çipi, A., Fernandes, A., Ferreira, F., Ferreira, N. & Meidute-Kavaliauskiene, I. (2023). Detecting and developing new business opportunities in society 5.0 contexts: A sociotechnical approach. <i>Technology in Society</i>. 73</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 47 - Times Cited Scopus: 48 - Times Cited Google Scholar: 86
7	<p>Ferreira, F., Spahr, R., Sunderman, M., Govindan, K. & Meidute-Kavaliauskiene, I. (2022). Urban blight remediation strategies subject to seasonal constraints. <i>European Journal of Operational Research</i> . 296 (1), 277-288</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 31 - Times Cited Scopus: 32 - Times Cited Google Scholar: 45
8	<p>Abrantes, J., Ferreira, F., Zopounidis, C., Pereira, L. & Meidute-Kavaliauskiene, I. (2022). Analyzing ethical practices in the public healthcare sector using fuzzy cognitive mapping. <i>Journal of Multi-Criteria Decision Analysis</i>. 29 (1/2), 67-79</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 9 - Times Cited Scopus: 11 - Times Cited Google Scholar: 18
9	<p>Pinto, A., Ferreira, F., Spahr, R., Sunderman, M., Govindan, K. & Meidute-Kavaliauskiene, I. (2021). Analyzing blight impacts on urban areas: a multi-criteria approach. <i>Land Use Policy</i>. 108</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 25 - Times Cited Scopus: 24 - Times Cited Google Scholar: 38

10	<p>Barão, M., Ferreira, F., Spahr, R., Sunderman, M., Govindan, K. & Meidute-Kavaliauskiene, I. (2021). Strengthening urban sustainability: identification and analysis of proactive measures to combat blight. <i>Journal of Cleaner Production</i>. 292, 1-15</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 15 - Times Cited Scopus: 20 - Times Cited Google Scholar: 26
11	<p>Lousada, A., Ferreira, F., Meidute-Kavaliauskiene, I., Spahr, R., Sunderman, M. & Pereira, L. (2021). A sociotechnical approach to causes of urban blight using fuzzy cognitive mapping and system dynamics. <i>Cities</i>. 108, 1-13</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 27 - Times Cited Scopus: 26 - Times Cited Google Scholar: 41
12	<p>Fonseca, J., Ferreira, F., Pereira, L., Govindan, K. & Meidute-Kavaliauskiene, I. (2020). Analyzing determinants of environmental conduct in small and medium-sized enterprises: a sociotechnical approach. <i>Journal of Cleaner Production</i>. 256</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 28 - Times Cited Scopus: 29 - Times Cited Google Scholar: 38
13	<p>Pereira, I., Ferreira, F., Pereira, L., Govindan, K., Meidute-Kavaliauskiene, I. & Correia, R. (2020). A fuzzy cognitive mapping-system dynamics approach to energy-change impacts on the sustainability of small and medium-sized enterprises. <i>Journal of Cleaner Production</i>. 256</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 47 - Times Cited Scopus: 55 - Times Cited Google Scholar: 68
14	<p>Assunção, E., Ferreira, F., Meidute-Kavaliauskiene, I., Zopounidis, C., Pereira, L. & Correia, R. (2020). Rethinking urban sustainability using fuzzy cognitive mapping and system dynamics. <i>International Journal of Sustainable Development and World Ecology</i>. 27 (3), 261-275</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 44 - Times Cited Scopus: 45 - Times Cited Google Scholar: 75
15	<p>Correia, J., Ferreira, F., Meidute-Kavaliauskiene, I., Pereira, L., Zopounidis, C. & Correia, R. (2020). Factors influencing urban investment attractiveness: an FCM-SD approach. <i>International Journal of Strategic Property Management</i>. 24 (4), 237-250</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 22 - Times Cited Scopus: 21 - Times Cited Google Scholar: 35
16	<p>Barroso, R., Ferreira, F., Meidute-Kavaliauskiene, I., Banaitien, N., Falcão, P. & Rosa, A. (2019). Analyzing the determinants of e-commerce in small and medium-sized enterprises: a cognition-driven framework. <i>Technological and Economic Development of Economy</i>. 25 (3), 496-518</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 55 - Times Cited Scopus: 46 - Times Cited Google Scholar: 95
17	<p>Ferreira, F., Meidute-Kavaliauskiene, I., Zavadskas, E., Jalali, M. & Catarino, S. (2019). A judgment-based risk assessment framework for consumer loans. <i>International Journal of Information Technology and Decision Making</i>. 18 (1), 7-33</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 31 - Times Cited Scopus: 14 - Times Cited Google Scholar: 20

18	<p>Miguel, B. P., Ferreira, F. A. F., Banaitis, A., Banaitien, N., Meidute-Kavaliauskiene, I. & Falcão, P. F. (2019). An expanded conceptualization of 'smart' cities: adding value with fuzzy cognitive maps. <i>E+M. Economie a Management</i>. 22 (1), 4-21</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 31 - Times Cited Scopus: 26 - Times Cited Google Scholar: 35
19	<p>Reis, I., Ferreira, F., Meidute-Kavaliauskiene, I., Govindan, K., Fang, W. & Falcão, P. (2019). An evaluation thermometer for assessing city sustainability and livability. <i>Sustainable Cities and Society</i>. 47</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 44 - Times Cited Scopus: 46 - Times Cited Google Scholar: 55
20	<p>Brito, V., Ferreira, F., Pérez-Gladish, B., Govindan, K. & Meidute-Kavaliauskiene, I. (2019). Developing a green city assessment system using cognitive maps and the Choquet integral. <i>Journal of Cleaner Production</i>. 218, 486-497</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 66 - Times Cited Scopus: 56 - Times Cited Google Scholar: 88
21	<p>Dobrovolskiene, N., Tamošieniene, R., Banaitis, A., Ferreira, F., Banaitiene, N., Taujanskaite, K...Meidute-Kavaliauskiene, I. (2019). Developing a composite sustainability index for real estate projects using multiple criteria decision making. <i>Operational Research</i>. 19 (3), 617-635</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 48 - Times Cited Scopus: 39 - Times Cited Google Scholar: 66
22	<p>Branco, J., Ferreira, F., Meidute-Kavaliauskiene, I., Banaitis, A. & Falcão, P. F. (2019). Analysing determinants of small and medium-sized enterprise resilience using fuzzy cognitive mapping. <i>Journal of Multi-Criteria Decision Analysis</i>. 26 (5/6), 252-264</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 23 - Times Cited Scopus: 24 - Times Cited Google Scholar: 40
23	<p>Estêvão, R., Ferreira, F., Rosa, A., Govindan, K. & Meidute-Kavaliauskiene, I. (2019). A socio-technical approach to the assessment of sustainable tourism: adding value with a comprehensive process-oriented framework. <i>Journal of Cleaner Production</i>. 236, 1-11</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 38 - Times Cited Scopus: 39 - Times Cited Google Scholar: 52
24	<p>Santos, F. R. R. L., Ferreira, F. A. F. & Meidute-Kavaliauskiene, I. (2018). Perceived key determinants of payment instrument usage: a fuzzy cognitive mapping-based approach. <i>Technological and Economic Development of Economy</i>. 24 (3), 950-968</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 13 - Times Cited Scopus: 15 - Times Cited Google Scholar: 16
25	<p>Rita, D., Ferreira, F., Meidute-Kavaliauskiene, I., Govindan, K. & Ferreira, J. (2018). Proposal of a green index for small and medium-sized enterprises: a multiple criteria group decision-making approach. <i>Journal of Cleaner Production</i>. 196, 985-996</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 33 - Times Cited Scopus: 36 - Times Cited Google Scholar: 52

26	<p>Marques, S., Ferreira, F., Meidute-Kavaliauskiene, I. & Banaitis, A. (2018). Classifying urban residential areas based on their exposure to crime: a constructivist approach. <i>Sustainable Cities and Society</i>. 39, 418-429</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 52 - Times Cited Scopus: 42 - Times Cited Google Scholar: 62
27	<p>Ribeiro, M., Ferreira, F., Jalali, M. & Meidute-Kavaliauskiene, I. (2017). A fuzzy knowledge-based framework for risk assessment of residential real estate investments. <i>Technological and Economic Development of Economy</i>. 23 (1), 140-156</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 87 - Times Cited Scopus: 66 - Times Cited Google Scholar: 110
28	<p>Ferreira, F., Jalali, M. S., Zavadskas, E. K. & Meidute-Kavaliauskiene, I. (2017). Assessing payment instrument alternatives using cognitive mapping and the choquet integral. <i>Transformations in Business and Economics</i>. 16 (2), 170-187</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 36 - Times Cited Scopus: 26 - Times Cited Google Scholar: 39
29	<p>Ferreira, F. A. F., Ferreira, J. J. M., Fernandes, C. I. M. A. S., Meidute-Kavaliauskiene, I. & Jalali, M. S. (2017). Enhancing knowledge and strategic planning of bank customer loyalty using fuzzy cognitive maps. <i>Technological and Economic Development of Economy</i>. 23 (6), 860-876</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 38 - Times Cited Scopus: 31 - Times Cited Google Scholar: 55
30	<p>Jalali, M. S., Ferreira, F. A. F., Ferreira, J. J. M. & Meidute-Kavaliauskiene, I. (2016). Integrating metacognitive and psychometric decision-making approaches for bank customer loyalty measurement. <i>International Journal of Information Technology and Decision Making</i>. 15 (4), 815-837</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 46 - Times Cited Scopus: 40 - Times Cited Google Scholar: 62
31	<p>Gonçalves, T. S. H., Ferreira, F. A. F., Jalali, M. S. & Meidute-Kavaliauskiene, I. (2016). An idiosyncratic decision support system for credit risk analysis of small and medium-sized enterprises. <i>Technological and Economic Development of Economy</i>. 22 (4), 598-616</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 35 - Times Cited Scopus: 35 - Times Cited Google Scholar: 52
32	<p>Ferreira, F., Jalali, M., Meidute-Kavaliauskiene, I. & Viana, B. A. C. P. (2015). A metacognitive decision making based framework for bank customer loyalty measurement and management. <i>Technological and Economic Development of Economy</i>. 21 (2), 280-300</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 61 - Times Cited Scopus: 48 - Times Cited Google Scholar: 93
33	<p>Canas, S. R. D., Ferreira, F. A. F. & Meidute-Kavaliauskiene, I. (2015). Setting rents in residential real estate: a methodological proposal using multiple criteria decision analysis. <i>International Journal of Strategic Property Management</i>. 19 (4), 368-380</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 33 - Times Cited Scopus: 25 - Times Cited Google Scholar: 40

34	<p>Fülöp, G., Hernádi, B., Jalali, M., Meidute-Kavaliauskiene, I. & Ferreira, F. (2014). Developing of sustainability balanced scorecard for the chemical industry: preliminary evidence from a case analysis. <i>Engineering Economics</i>. 25 (3), 341-349</p> <p>- Times Cited Web of Science®: 16</p> <p>- Times Cited Scopus: 13</p> <p>- Times Cited Google Scholar: 22</p>
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• Books and Book Chapters

- Book chapter

1	<p>Fülöp, G., Hernádi, B., Jalali, M., Meidute-Kavaliauskiene, I. & Ferreira, F. (2015). Enhancing the Formation and Implementation of Sustainability Strategies Using the Balanced Scorecard: Evidence from the Chemical Industry. In Luís Farinha; João Ferreira; Helen Smith & Sharmistha Bagchi-Sen. (Ed.), <i>Handbook of Research on Global Competitive Advantage through Innovation and Entrepreneurship</i>. (pp. 589-615). Hershey PA: IGI Global.</p> <p>- Times Cited Google Scholar: 2</p>
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• Conferences/Workshops and Talks

- Publication in conference proceedings

1	<p>Ricardo M. R. Barroso, Barroso, R., Ricardo M. R. Barroso, Barroso, R., Major, M., Meidute-Kavaliauskiene, I., Rosa, A. (2019). Understanding the determinants of e-commerce in small and medium-sized enterprises: A metacognitive framework. In <i>2019 International Conference on Management and Education (MAE 2019)</i>. (pp. 1-24). --</p>
2	<p>Joana M.P. Branco, Major, M., Meidute-Kavaliauskiene, I., Banaitis, A. & Falcão, P. F. (2019). Analyzing resilience in small and medium-sized enterprises: A fuzzy cognitive mapping-based approach. In <i>Proceedings of the 2019 International Conference on Management and Education (MAE 2019)</i>. (pp. 1-23). Tokyo</p>
3	<p>Ferreira, F. A. F., Jalali, M. S., Meidute-Kavaliauskiene, I., Zavadskas, E. K. & Catarino, S. M. J. (2018). A cognition-driven risk evaluation framework for consumer loans. In <i>International Conference on Business and Information, BAI 2018</i>. (pp. 33-50). Seoul: IBAC.</p>
4	<p>Marques, S. C. R., Ferreira, F. A. F. & Meidute-Kavaliauskiene, I. (2017). Classifying residential real estate based on their exposure to crime: a research agenda. In <i>5th International Scientific Conference "Contemporary Issues in Business, Management and Education"</i>. Vilnius: VGTU Press.</p>
5	<p>Santos, F., Ferreira, F., Zavadskas, E. & Meidute-Kavaliauskiene, I. (2016). Perceived key determinants of payment instrument usage: A fuzzy cognitive mapping-based approach. In <i>BAI 2016 Proceedings of the International Conference on Business and Information</i>. Nagoya: iBAC.</p>
6	<p>Ferreira, F., Ferreira, J., Fernandes, C., Meidute-Kavaliauskiene, I. & Jalali, M. (2014). Using Fuzzy Cognitive Maps to Detect "Hidden" Causal-Effect Relationships Among Key Determinants of Bank Customer Loyalty. In <i>Proceedings of the 4th INBAM Annual Conference</i>. (pp. 1-24). Barcelona: INBAM.</p>

- Talk

1	<p>Branco, J., Ferreira, F., Meidute-Kavaliauskiene, I., Banaitis, A. & Falcão, P. F. (2019). Analyzing Resilience in Small and Medium-Sized Enterprises: A Fuzzy Cognitive Mapping-Based Approach. <i>2019 International Conference on Management and Education (MAE 2019)</i>.</p>
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2	Ferreira, F., Jalali, M., Meidute-Kavaliauskiene, I., Zavadskas, E. & Catarino, S. (2018). A Cognition-driven Risk Evaluation Framework for Consumer Loans. 2018 BAI International Conference.
3	Vasilienė-Vasiliauskienė, V., Vasiliauskas, A., Butvilas, T., Ferreira, F. & Meidute-Kavaliauskiene, I. (2017). Education, Business and Science Integration: Challenges in Implementing Project-based Learning. 2017 International Symposium on Teaching, Education and Learning.
4	Marques, S., Ferreira, F. & Meidute-Kavaliauskiene, I. (2017). Classifying Residential Real Estate Based on Their Exposure to Crime: A Research Agenda. International Conference on Contemporary Issues in Business, Management and Education.
5	Santos, F., Ferreira, F., Zavadskas, E. & Meidute-Kavaliauskiene, I. (2016). Perceived Key Determinants of Payment Instrument Usage: A Fuzzy Cognitive Mapping-Based Approach. 2016 BAI International Conference.
6	Ferreira, F., Ferreira, J., Fernandes, C., Meidute-Kavaliauskiene, I. & Jalali, M. (2015). Analyzing Cause-and-effect Relationships among Key Determinants of Bank Customer Loyalty Using Fuzzy Cognitive Maps. 2015 BAI International Conference.
7	Ferreira, F., Ferreira, J., Meidute-Kavaliauskiene, I. & Jalali, M. (2014). Using Fuzzy Cognitive Maps to Detect "Hidden" Causal-Effect Relationships Among Key Determinants of Bank Customer Loyalty. 4th INBAM Annual Conference.