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## Ieva Meidute-Kavaliauskiene

### Integrated Researcher

BRU-Iscte - Business Research Unit

## Contacts

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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®	1141
Scopus	1030

## 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. &amp; 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. &amp; 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"> <li>- Times Cited Web of Science®: 14</li> <li>- Times Cited Scopus: 8</li> <li>- Times Cited Google Scholar: 17</li> </ul>
3	<p>Ferreira, F. A. F. &amp; 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"> <li>- Times Cited Web of Science®: 32</li> <li>- Times Cited Scopus: 27</li> <li>- Times Cited Google Scholar: 52</li> </ul>
4	<p>Santos, M., Ferreira, F., Ferreira, N., Ferreira, J. &amp; 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"> <li>- Times Cited Web of Science®: 5</li> <li>- Times Cited Scopus: 5</li> <li>- Times Cited Google Scholar: 5</li> </ul>
5	<p>Estupendo, G., Ferreira, F., Govindan, K., Correia, R., Pereira, L. &amp; 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"> <li>- Times Cited Web of Science®: 8</li> <li>- Times Cited Scopus: 6</li> <li>- Times Cited Google Scholar: 6</li> </ul>
6	<p>Çipi, A., Fernandes, A., Ferreira, F., Ferreira, N. &amp; 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"> <li>- Times Cited Web of Science®: 47</li> <li>- Times Cited Scopus: 50</li> <li>- Times Cited Google Scholar: 87</li> </ul>
7	<p>Ferreira, F., Spahr, R., Sunderman, M., Govindan, K. &amp; 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"> <li>- Times Cited Web of Science®: 31</li> <li>- Times Cited Scopus: 32</li> <li>- Times Cited Google Scholar: 46</li> </ul>
8	<p>Abrantes, J., Ferreira, F., Zopounidis, C., Pereira, L. &amp; 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"> <li>- Times Cited Web of Science®: 9</li> <li>- Times Cited Scopus: 12</li> <li>- Times Cited Google Scholar: 18</li> </ul>
9	<p>Pinto, A., Ferreira, F., Spahr, R., Sunderman, M., Govindan, K. &amp; 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"> <li>- Times Cited Web of Science®: 25</li> <li>- Times Cited Scopus: 24</li> <li>- Times Cited Google Scholar: 38</li> </ul>

10	<p>Barão, M., Ferreira, F., Spahr, R., Sunderman, M., Govindan, K. &amp; 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"> <li>- Times Cited Web of Science®: 15</li> <li>- Times Cited Scopus: 20</li> <li>- Times Cited Google Scholar: 26</li> </ul>
11	<p>Lousada, A., Ferreira, F., Meidute-Kavaliauskiene, I., Spahr, R., Sunderman, M. &amp; 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"> <li>- Times Cited Web of Science®: 27</li> <li>- Times Cited Scopus: 26</li> <li>- Times Cited Google Scholar: 41</li> </ul>
12	<p>Fonseca, J., Ferreira, F., Pereira, L., Govindan, K. &amp; 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"> <li>- Times Cited Web of Science®: 28</li> <li>- Times Cited Scopus: 29</li> <li>- Times Cited Google Scholar: 38</li> </ul>
13	<p>Pereira, I., Ferreira, F., Pereira, L., Govindan, K., Meidute-Kavaliauskiene, I. &amp; 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"> <li>- Times Cited Web of Science®: 47</li> <li>- Times Cited Scopus: 55</li> <li>- Times Cited Google Scholar: 68</li> </ul>
14	<p>Assunção, E., Ferreira, F., Meidute-Kavaliauskiene, I., Zopounidis, C., Pereira, L. &amp; 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"> <li>- Times Cited Web of Science®: 44</li> <li>- Times Cited Scopus: 45</li> <li>- Times Cited Google Scholar: 75</li> </ul>
15	<p>Correia, J., Ferreira, F., Meidute-Kavaliauskiene, I., Pereira, L., Zopounidis, C. &amp; 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"> <li>- Times Cited Web of Science®: 22</li> <li>- Times Cited Scopus: 21</li> <li>- Times Cited Google Scholar: 34</li> </ul>
16	<p>Barroso, R., Ferreira, F., Meidute-Kavaliauskiene, I., Banaitien, N., Falcão, P. &amp; 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"> <li>- Times Cited Web of Science®: 55</li> <li>- Times Cited Scopus: 46</li> <li>- Times Cited Google Scholar: 95</li> </ul>
17	<p>Ferreira, F., Meidute-Kavaliauskiene, I., Zavadskas, E., Jalali, M. &amp; 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"> <li>- Times Cited Web of Science®: 31</li> <li>- Times Cited Scopus: 14</li> <li>- Times Cited Google Scholar: 20</li> </ul>

18	<p>Miguel, B. P., Ferreira, F. A. F., Banaitis, A., Banaitien, N., Meidute-Kavaliauskiene, I. &amp; 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"> <li>- Times Cited Web of Science®: 31</li> <li>- Times Cited Scopus: 26</li> <li>- Times Cited Google Scholar: 35</li> </ul>
19	<p>Reis, I., Ferreira, F., Meidute-Kavaliauskiene, I., Govindan, K., Fang, W. &amp; 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"> <li>- Times Cited Web of Science®: 44</li> <li>- Times Cited Scopus: 46</li> <li>- Times Cited Google Scholar: 56</li> </ul>
20	<p>Brito, V., Ferreira, F., Pérez-Gladish, B., Govindan, K. &amp; 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"> <li>- Times Cited Web of Science®: 67</li> <li>- Times Cited Scopus: 56</li> <li>- Times Cited Google Scholar: 88</li> </ul>
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"> <li>- Times Cited Web of Science®: 48</li> <li>- Times Cited Scopus: 39</li> <li>- Times Cited Google Scholar: 66</li> </ul>
22	<p>Branco, J., Ferreira, F., Meidute-Kavaliauskiene, I., Banaitis, A. &amp; 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"> <li>- Times Cited Web of Science®: 23</li> <li>- Times Cited Scopus: 24</li> <li>- Times Cited Google Scholar: 40</li> </ul>
23	<p>Estêvão, R., Ferreira, F., Rosa, A., Govindan, K. &amp; 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"> <li>- Times Cited Web of Science®: 38</li> <li>- Times Cited Scopus: 39</li> <li>- Times Cited Google Scholar: 52</li> </ul>
24	<p>Santos, F. R. R. L., Ferreira, F. A. F. &amp; 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"> <li>- Times Cited Web of Science®: 13</li> <li>- Times Cited Scopus: 15</li> <li>- Times Cited Google Scholar: 16</li> </ul>
25	<p>Rita, D., Ferreira, F., Meidute-Kavaliauskiene, I., Govindan, K. &amp; 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"> <li>- Times Cited Web of Science®: 34</li> <li>- Times Cited Scopus: 36</li> <li>- Times Cited Google Scholar: 52</li> </ul>

26	<p>Marques, S., Ferreira, F., Meidute-Kavaliauskiene, I. &amp; 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> <p>- Times Cited Web of Science®: 52</p> <p>- Times Cited Scopus: 42</p> <p>- Times Cited Google Scholar: 61</p>
27	<p>Ribeiro, M., Ferreira, F., Jalali, M. &amp; 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> <p>- Times Cited Web of Science®: 87</p> <p>- Times Cited Scopus: 67</p> <p>- Times Cited Google Scholar: 110</p>
28	<p>Ferreira, F., Jalali, M. S., Zavadskas, E. K. &amp; 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> <p>- Times Cited Web of Science®: 36</p> <p>- Times Cited Scopus: 26</p> <p>- Times Cited Google Scholar: 38</p>
29	<p>Ferreira, F. A. F., Ferreira, J. J. M., Fernandes, C. I. M. A. S., Meidute-Kavaliauskiene, I. &amp; 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> <p>- Times Cited Web of Science®: 38</p> <p>- Times Cited Scopus: 31</p> <p>- Times Cited Google Scholar: 55</p>
30	<p>Jalali, M. S., Ferreira, F. A. F., Ferreira, J. J. M. &amp; 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> <p>- Times Cited Web of Science®: 46</p> <p>- Times Cited Scopus: 41</p> <p>- Times Cited Google Scholar: 62</p>
31	<p>Gonçalves, T. S. H., Ferreira, F. A. F., Jalali, M. S. &amp; 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> <p>- Times Cited Web of Science®: 35</p> <p>- Times Cited Scopus: 35</p> <p>- Times Cited Google Scholar: 51</p>
32	<p>Ferreira, F., Jalali, M., Meidute-Kavaliauskiene, I. &amp; 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> <p>- Times Cited Web of Science®: 60</p> <p>- Times Cited Scopus: 49</p> <p>- Times Cited Google Scholar: 91</p>
33	<p>Canas, S. R. D., Ferreira, F. A. F. &amp; 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> <p>- Times Cited Web of Science®: 33</p> <p>- Times Cited Scopus: 25</p> <p>- Times Cited Google Scholar: 39</p>

34	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 - Times Cited Web of Science®: 16 - Times Cited Scopus: 13 - Times Cited Google Scholar: 22
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## • Books and Book Chapters

### - Book chapter

1	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. - Times Cited Google Scholar: 1
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## • Conferences/Workshops and Talks

### - Publication in conference proceedings

1	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). --
2	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
3	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.
4	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.
5	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 International Conference on Business and Information</i> . Nagoya: iBAC.
6	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.

### - Talk

1	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> .
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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.