

Yusuf Ersoy



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RESEARCH INTERESTS

Logistics and Supply Chain Management, Industry 4.0, Big Data, Performance Evaluation, Data Envelopment Analysis, Multi-Criteria Decision-Making, Fuzzy Logic, Lean Production, Operations Management, health management, Business Analytics, Marketing.

EDUCATION

- 2015-2018 **PhD in Business Management**
Nevsehir Hacı Bektas Veli University, Turkey
Thesis Title: Measurement of Supplier Performance Using Fuzzy AHP/ Fuzzy DEA Methods: A Case Study in Textile Sector.
- 2013-2015 **MSc in Business Management**
Usak University, Turkey
Thesis Title: Supports given to SME in Turkey and comparison with the UK.
- 2008-2009 **Diploma in Business Studies**
London City College of Further Education, UK
Courses: Micro and Macro Economics, Business Communications, Accounting, Organizational Behavior, Strategic Management, Management Information System, Human Resources Management.
- 1999-2003 **BA in Textile Engineering**

Afyon Kocatepe University, Turkey

TEACHING EXPERIENCE

Visiting Lecturer, Surrey Business School, University of Surrey, 2023-2024

Courses: Business Analytics, operations management, efficiency, performance measurement, multi-criteria decision making, marketing,

Associate Professor, Muş Alparslan University, Turkey, 2021-2023

Courses: Mathematics, multi-criteria decision making, marketing, logistics and supply chain, operations management, financial management, smart production systems. health management.

Lecturer, Uşak University, Turkey, 2013-2021

Courses: Laboratory applications, quality control, lean manufacturing, entrepreneurship, project management, logistics and supply chain, operations management.

PUBLICATIONS

Papers:

Web of Science and Scopus Indexed Journals

Selamzade, F., **Ersoy, Y.** Özdemir, Y., Çelik, M.Y. (2023). Health Efficiency Measurement of OECD Countries Against the COVID-19 Pandemic by Using DEA and MCDM Methods, *Arabian Journal for Science and Engineering*, 48, 15695-15712. <https://doi.org/10.1007/s13369-023-08114-y> (**Indexed in SCI Expanded**)

Ersoy, Y., Tehci, A. (2023). Relationship marketing orientation in healthcare organizations with AHP method: internal and external customer perspective. *Operations Research and Decisions*, 33(1), 33-45. <https://dx.doi.org/10.37190/ord230103> (**Indexed in ESCI**)

Ersoy, Y. Aktaş, A. (2022). Health System Efficiency of OECD Countries with Data Envelopment Analysis. *Problemy Zarządzania - Management Issues*, 20(4), 90-109. <https://dx.doi.org/10.7172/1644-9584.98.4> (**Indexed in ESCI**)

Ersoy, Y. (2021) Performance Evaluation in Distance Education by Using Data Envelopment Analysis (DEA) and TOPSIS Methods, *Arabian Journal for Science and Engineering*, 46, 1803-1817. <https://doi.org/10.1007/s13369-020-05087-0> (**Indexed in SCI Expanded**)

Ersoy, Y. (2021) Performance Evaluation of Airports During the COVID-19 Pandemic, *Gospodarka Narodowa. The Polish Journal of Economics (GNPJE)*, 308(4), 23-53. <https://doi.org/10.33119/GN/143335> (**Indexed in ESCI**)

Ersoy, Y. (2021) Equipment Selection for an E-commerce Company Using Entropy-based TOPSIS EDAS and CODAS Methods During the COVID-19, *LogForum Scientific Journal of Logistics*, 17(3), 341–358. <https://dx.doi.org/10.17270/J.LOG.2021.603> (**Indexed in ESCI**)

Soba, M., Yildiz, E.P., **Ersoy, Y.** (2021) Students' entrepreneurial behaviour – An eight-construct scale validation: A scale adaptation study, *Cypriot Journal of Educational Sciences*, 16(2), 888-901. <https://orcid.org/0000-0002-9987-9857> (**Indexed in Scopus**)

Soba, M., **Ersoy, Y.**, Altınay, A.T, Erkan, B., Şik, E., (2020) Application of Multiple Criteria Decision- Making Methods in Assignment Place Selection, *Mathematical Problems in Engineering*, 2020, 1-13. <https://doi.org/10.1155/2020/6748342> (**Indexed in SCI Expanded**)

Ersoy, Y. and Dogan, N.O. (2020). An Integrated Model of Fuzzy AHP/Fuzzy DEA for Measurement of Supplier Performance: A Case Study in Textile Sector. *International Journal of Supply and Operation Management*, 7(1), 17-38. DOI:10.22034/IJSOM.2020.1.2 (**Indexed in Scopus**)

Other International Indexed Journals

Ersoy, Y. Tehci, A. (2024). Efficiency Measurement in Construction Sector Using Data Envelopment Analysis Method, *Dumlupınar University Journal of Feas*, 13, 44-50. <https://doi.org/10.58627/dpuiibf.1489173>

Ersoy, Y. Tehci, A. (2023). Efficiency Evaluation of Energy Companies with Data Envelopment Analysis, *The Journal of International Scientific Researches*, 8(3), 360-366. <https://doi.org/10.23834/isrjournal.1331147>

Ersoy, Y. (2022) The Advantages and Barriers in Implementing of Industry 4.0 and Key Features of Industry 4.0. *The Journal of International Scientific Researches*, 7(3), 207-214. <https://doi.org/10.23834/isrjournal.1122471>

Ersoy, Y. (2021) Personnel Selection in the Software Industry by Using Entropy-based EDAS and CODAS Methods, *Isparta University of Applied Sciences*, 6, 36-49. <https://dx.doi.org/10.46236/jovosst.960354>

Ersoy, Y. (2021) Personnel Selection in The Textile Industry By Using AHP and TOPSIS Methods, *Kafdağı*, 6(1), 60-78. <https://dx.doi.org/10.51469/kafdagi.948358>

Ersoy, Y., Tehci, A., Yıldız, S. (2021) Efficiency Measurement of Organic Product Manufacturing Within The Scope of Ecological Marketing: A Case Study on Tea Company, *Academia Journal of Nature and Human Sciences*, 7(1), 19-31.

Tehci, A., **Ersoy, Y.**, (2020) Investigation of Digital Retail Consumer Complaints in The Food Industry During COVID-19: Market Chain Example of Turkey, *The Journal of International Scientific Researches*, 5(Ek), 22-27.

Ersoy, Y. (2020) Green Machine Selection in a Manufacturing Company Using TOPSIS Method, *Academia Journal of Nature and Human Sciences*, 6(1), 45-56.

Ersoy, Y., Tehci, A., (2020) Logistics Marketing: Performance Evaluation in Companies Operating in Logistics Services with Data Envelopment Analysis, *The Journal of International Scientific Researches*, 5(1), 1-9.

Dogan, N.O., and **Ersoy, Y.** (2018). Efficiency Measurement of Hospitality Businesses Using Data Envelopment Analysis: A Case Study in Yozgat. *Mardin Artuklu University Journal of MUKADDIME*, 9(2), 119-134. <https://doi.org/10.19059/mukaddime.420338>

Gezer, B., and **Ersoy, Y.** (2018). Adsorption Behavior of Methylene Blue Dye Using Carob Powder as Eco-Friendly New Adsorbent For Cleaning Wastewater: Optimization By Response Surface Methodology. *Erzincan University Journal of Science and Technology*, 11(2), 306-320. <https://doi.org/10.18185/erzifbed.410969>

Ersoy, Y., Tehci, A., and Ersoy, B. (2018). The Evaluation of The Rural Tourism Potential with SWOT Analysis: The Case of Yozgat. *Hitit University Journal of Social Sciences Institute*, 11(1), 649-664. <https://doi.org/10.17218/hititsosbil.369468>

Ersoy, Y. (2017). The Determination of City Marketing Strategies with SWOT Analysis: A Case Study of Uşak Province . *Journal of Multidisciplinary Developments*, 2(4), 37-43.

Dogan, N.O., and **Ersoy, Y.** (2017). Efficiency Measurement: A Case Study of A Firm in Textile Sector. *Hitit University Journal of Social Sciences Institute*, 10(1), 35-44. <https://doi.org/10.17218/hititsosbil.285265>

Ersoy, Y., and Şenol, M.F. (2017). Type of Raw Material and Production Parameters Effect on Yarn Quality: An Application on Open-End Spinning. *The Journal of Graduate School of Natural and Applied Sciences of Mehmet Akif Ersoy University*, 8(1), 96-107. <https://doi.org/10.29048/makufebed.285579>

Dogan, N.O., and **Ersoy, Y.** (2017). SWOT Analysis in Agricultural Development Cooperatives: A Case Study in Usak Province". *Third Sector Social Economic Review*, 52(Special Edition), 952-969. doi: 10.15659/3.sektor-sosyal-ekonomi.17.12.834

Dogan, N.O., and **Ersoy, Y.** (2017). Efficiency Measurement in The Agricultural Sales Cooperatives Unions Via DEA: A Case Study in Marmarabirlik". *Third Sector Social Economic Review*, 52(Special Edition), 627-641. doi: 10.15659/3.sektor-sosyal-ekonomi.17.12.835

Alkaya, A., Coban, S., Tehci, A., and **Ersoy, Y.** (2016). The Effect of Environmental Awareness on Green Product Purchasing Behavior: The Case of Ordu University. *Erciyes University Journal of Faculty of Economics and Administrative Sciences*, 47, 121-134.

Dogan, N.O., and **Ersoy, Y.** (2016). Value Stream Mapping Application in Service Sector: A Case Study of A University Research and Application Center. *Dumlupınar University Journal of Social Sciences*, 48, 103-116.

Ersoy, Y., Tayyar, A.E, and Duran, M. (2015). Medical Textiles and Wound Dressing. *Duzce University Journal of Science and Technology*, 3, 451-458.

Ersoy, Y., and Zıraplı, M. (2014). Importance of Recycling Spinning and Yarn Production Methods. *Duzce University Journal of Science and Technology*, 2, 425-432.

Book Chapters and Papers in Conference Proceedings:

Selamzade, F., **Ersoy, Y.** (2024). Health Efficiency Measurement of Turkish Provinces Using DEA, TOPSIS and EDAS Methods. In: Emrouznejad, A., Thanassoulis, E., Toloo, M. (eds) *Advances in the Theory and Applications of Performance Measurement and Management. DEA45 2023. Lecture Notes in Operations Research.* Springer, Cham. https://doi.org/10.1007/978-3-031-61597-9_15

Ersoy, Y., Dogan, N.O. (2023) Fuzzy Logic and Fuzzy AHP, *International Research and Evaluations in Social Sciences and Humanities*, Seruven Publishing, ISBN:978-625-6644-02-1

Tehci, A., **Ersoy, Y.** (2023). Service Quality in Maritime Businesses: Bibliometric View, *5th International Conference on Applied Engineering and Natural Sciences*, 10-12, July 2023, Konya, Turkey

Tehci, A., **Ersoy, Y.** (2023). Social Marketing Approach to Pollution: Visual Mapping and Bibliometric Analysis, *1st International Conference on Modern and Advanced Research*, 29-31, July 2023, Konya, Turkey

Ersoy, Y. (2021) Selection of The Best Supplier in Furniture Industry by Using Fuzzy Analytic Hierarchy Process Method, *Handbook of Research on Recent Perspectives on Management, International Trade and Logistics*, IGI Global. DOI: 10.4018/978-1-7998-5886-7

Tehci, A., **Ersoy, Y.** (2021) Firms and Consumer Attitudes in the Digital Market: Analytical Hierarchy Process Approach, *Insights, Innovation, and Analytics for Optimal Customer Engagement*, IGI Global, EISBN13: 9781799839200

Ersoy, Y. (2021) Generator Selection in a Manufacturing Firm with the Entropy Based Codas Method, *Empirical Results of Economic, Financial and Financial Applications Vol. 1- Economics Applications*, Gazi Publishing, Ankara. ISBN:978-625-7358-82-8

Tehci, A., **Ersoy, Y.** (2020) Industry 4.0: New Approached in Production Management and Marketing (187-200), *Advanced Manufacturing Progress, Trends and Challenges*, Nova Science Publishers, Newyork. ISBN: 978-1-53618-923-0

Ersoy, Y. (2020) Supplier Selection in Food Industry Using Analytic Hierarchy Process (AHP) Method (657-660), *Handbook of Research on Institutional, Economic, and Social Impacts of Globalization and Liberalization*, IGI Global. DOI: 10.4018/978-1-7998-4459-4.ch036

Ersoy, Y., Aktaş, A., Ersoy, T.H., Digital Transformation in Healthcare Sector and Health 4.0, *Ege 5th International Congress on Social Sciences, 21-22 May 2022, Izmir, Turkey*

Ersoy, Y., Ersoy, T.H., Personnel Selection in The Health Sector by Using AHP and TOPSIS Methods, *Ege 5th International Congress on Social Sciences, 21-22 May 2022, Izmir, Turkey*

Ersoy, Y., Main Features of Industry 4.0 and Advantages and Barriers to Implementing Industry 4.0, *Middle-East Conference on Contemporary Sciences IV, 1-3 November 2020, Beirut, Lebanon*

Ersoy, Y., Performance Analysis of Companies in Aviation Sector with Entropy- Based EDAS Method, *4st International Symposium on Silk Road Academic Studies, 17-18 December 2020, Cappadocia, Turkey*

Ersoy, Y., Digital Transformation and Big Data Usage in The Aviation Industry, *4st International Symposium on Silk Road Academic Studies, 17-18 December 2020, Cappadocia, Turkey*

Ersoy, Y., Supplier Selection in Hospitality Industry with Analytical Hierarchy Process (AHP) Method, *Izmir Democracy University International IDU Engineering Symposium, 12 December 2020,*

Tehci, A., **Ersoy, Y.,** Investigation of Digital Retail Consumer Complaints in Food Industry: Market Chain Example of Turkey, *Atlas 5.International Congress on Social Sciences, 23-25 September 2020, Budapest, Hungary*

Ersoy, Y., Stacker Machine Selection in a Production Firm by Using The TOPSIS Method, *IBAD-2020 5.International Scientific Research E-Congress, 1-2 September 2020, İstanbul*

Ersoy, Y., Gokce, S., and Ersoy T.H. (2017). Importance of Residual Pesticide Analysis in Agricultural Products for Agricultural Sales Cooperatives, *22nd International Turkish Cooperative Congress, 2017, CappadociaTurkey.*

Dogan, N.O. and **Ersoy Y.** (2017). Efficiency Measurement in The Agricultural Sales Cooperatives Unions Receiving Olive and Olive Oil via DEA: A Case Study in Marmarabirlik, *22nd International Turkish Cooperative Congress, 2017, CappadociaTurkey.*

Dogan, N.O. and **Ersoy Y.** (2017). SWOT Analysis of Agricultural Development Cooperatives That Operate in Province of Usak, *22nd International Turkish Cooperative Congress, 2017, CappadociaTurkey.*

Ersoy Y., Tehci, A., and Ersoy, B. (2017). Province of Yozgat Rural Tourism SWOT Analysis, *Second International Bozok Symposium, 2017, Yozgat, Turkey.*

Dogan, N.O. and **Ersoy Y.** (2017). Efficiency Measurement in The Tourism Sector via DEA: A Case Study on Hospitality Businesses in Yozgat, *Second International Bozok Symposium, 2017, Yozgat, Turkey.*

PROJECTS EXPERIENCE

Project Manager: Civil Society Dialogue EU-Turkey Chambers Forum II: EU-Turkey Chambers Partnership Grant Program, "EU experience of Yozgat Chambers of Commerce and Industry with Slovenia", 2012-2013. Project Budgeted: 80000 EUR.

Project Assistant: Republic of Turkey Ministry of Youth and Sports Youth Projects, "Usak University Youth Torch", 2013-2014. Project Budgeted: 45000 USD

Project Assistant: Uşak University Scientific Research Projects "Determination of fabric properties by artificial neural network method", 2013-2014. Project Budgeted: 25000 USD

Project Assistant: Zafer Development Agency Direct Activity Support, "Usak Province Cooperation Bridge", 2014-2015. Project Budgeted: 21000 USD

Google Scholar

<https://scholar.google.com/citations?user=LpVL8kUAAAAJ&hl=tr&oi=ao>

Researchgate

<https://www.researchgate.net/profile/Yusuf-Ersoy-2>

ORCID

<https://orcid.org/0000-0002-0106-1695>

REVIEWER EXPERIENCE

Expert Systems with Applications (2024) (**Indexed in SCIE**)

Socio Economic Planning Sciences (2023-2024) (**Indexed in SSCI and SCIE**)

Arabian Journal for Science and Engineering (2023-2024) (**Indexed in SCIE**)

Complex & Intelligent Systems (2022-2023) (**Indexed in SCIE**)

Financial Innovation (2022) (**Indexed in SSCI**)

International Journal of Information Technology & Decision Making (2021) (**Indexed in SCIE**)

The International Review of Research in Open and Distributed Learning (2021) (**Indexed in SSCI**)

Advances in Science, Technology and Engineering Systems Journal (ASTESJ) (2021) (**Indexed in Scopus**)

RELEVANT SKILLS

Computer skills: MS Office, Powerpoint, EMS Efficiency Software, Visio, SPSS Statistics Software

Languages: Turkish (Native), English (Fluent)