

## Lect. PhD EMRE KARAGÖZ

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Dokuz Eylul University, Sosyal Bilimler Enstitüsü, Ekonometri (Dr), Turkey 2012 - 2018

Postgraduate, Dokuz Eylul University, Sosyal Bilimler Enstitüsü, Ekonometri (YI) (Tezli), Turkey 2008 - 2012

Undergraduate, Dokuz Eylul University, İktisadi ve İdari Bilimler Fakültesi, Ekonometri Bölümü, Turkey 2003 - 2008

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Akıllı tahliye sistemlerinin tasarımında teknoloji tabanlı karar verme tekniklerinin modellenmesi, Dokuz Eylul University, Sosyal Bilimler Enstitüsü, Ekonometri (Dr), 2018

Postgraduate, UZAKTAN EĞİTİM VE BİR UYGULAMA, Dokuz Eylul University, Sosyal Bilimler Enstitüsü, Ekonometri (YI) (Tezli), 2012

### Research Areas

Science, Technology and Society, Science and Technological Policy Studies, Econometrics, Operational Research, Statistics, Management Information Systems, Disaster Management, algorithms, Database and Data Structures, Artificial Intelligence, Computer Learning and Pattern Recognition, Knowledge Engineering, Computer Learning, Fuzzy Sets and Systems, Natural Language Processing, Human Computer Interaction, Text/Document Processing, Pattern Recognition and Image Processing, Neural Networks, Software

### Academic Titles / Tasks

Lecturer PhD, Dokuz Eylul University, Rektörlük, Uzaktan Eğitim Araştırma ve Uygulama Merkezi, 2011 - Continues

### Courses

Açık ve Uzaktan Öğrenme, Undergraduate, 2022 - 2023

Öğretim Teknolojileri, Undergraduate, 2021 - 2022  
Bilişim Teknolojileri, Undergraduate, 2021 - 2022  
Web Tabanlı Programlama, Undergraduate, 2020 - 2021  
Web Tasarımı, Undergraduate, 2020 - 2021

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **THE EFFECTIVE PERSONNEL SELECTION VIA MULTICRITERIA DECISION-MAKING METHOD ANALYTIC HIERARCHY PROCESS (AHP): A WEB-BASED APPLICATION**  
KARAGÖZ E., YARALIOĞLU K.  
KnE Social Sciences, 2019 (SSCI)

## Articles Published in Other Journals

- I. **A design model proposal for digital learning platform based on interactive e-books**  
Karagöz E., Çavaş B., Güney L. Ö., Dizdaroğlu A.  
Ukrainian Journal of Educational Studies and Information Technology, vol.11, no.3, pp.156-176, 2023 (Peer-Reviewed Journal)
- II. **Face-to-Face, Online or Hybrid, Which Model is Preferred by University Students And Why?**  
Hotar N., Özcan M. A., Baran B., Karagöz E., Güney L. Ö.  
JOURNAL OF LEARNING AND TEACHING IN DIGITAL AGE, vol.8, no.2, pp.176-186, 2023 (Peer-Reviewed Journal)
- III. **Design of Common European Framework of Reference for Languages (CEFR) Based Web Platform for Learning English through Video Scenes**  
KARAGÖZ E., ÇOBANOĞLU H. K.  
Mehmet Akif Ersoy Üniversitesi Uygulamalı Bilimler Dergisi, 2022 (Peer-Reviewed Journal)
- IV. **Acil Uzaktan Eğitimden Ne Öğrendik? Öğrenci ve Öğretim Elemanı Görüşlerinin Karşılaştırılması**  
Hotar F. S. N., Özcan M. A., Baran B., Yacı Ş. N., Karagöz E.  
Batı Anadolu Eğitim Bilimleri Dergisi(BAEBD), vol.12, no.2, pp.673-690, 2021 (Peer-Reviewed Journal)
- V. **More than Playing a Toy: The Effects of Lego Mindstorms on the Students? Perceptions about Scientists**  
Çavaş B., Güney L. Ö., Karagöz E., Çavaş P.  
SCIENCE EDUCATION INTERNATIONAL, vol.31, no.1, pp.92-103, 2020 (Peer-Reviewed Journal)
- VI. **Design of Audio Description System Using Cloud Based Computer Vision**  
KARAGÖZ E., KORUYAN K.  
Journal of Applied Sciences of Mehmet Akif Ersoy University, vol.4, no.1, pp.74-85, 2020 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **An Integrated Model and Application for Smart Building Systems with Artificial Intelligence**  
KARAGÖZ E., TECİM V.  
in: The Impact of Artificial Intelligence on Governance, Economics and Finance, Volume 2, Kahyaoğlu Bozkuş, Sezer, Editor, Springer Singapore, pp.15-40, 2022
- II. **Akıllı Bir Şehir Vizyonu: İzmir**  
TECİM V., KARAGÖZ E.  
in: Geçmişten Geleceğe İzmir -İzmir'in Ticari ve Ekonomik Durumu, BALSARI Çağnur, EGELİ Hüseyin Avni, ÖZTÜRK Gamze, Editor, LEGAL Yayıncılık, İstanbul, pp.323-348, 2022
- III. **The Collaborative Digital Content Library Fostering Faculty Members' Collaboratively Building Learning Sources**

Karagöz E., Güney L. Ö., Baran B.

in: Handbook of Research on Managing and Designing Online Courses in Synchronous and Asynchronous Environments, Durak Gökhan, Çankaya Serkan, Editor, IGI GLOBAL, Oregon, pp.196-213, 2022

- IV. **İç Mekânlara Yönelik Web Tabanlı Konum Bulma Sistemi**  
KARAGÖZ E., TECİM V.  
in: Engelsiz Bilişim 2021, Kalaç Mustafa Özhan, Tecim Vahap, Editor, Kriter, İstanbul, pp.19-30, 2021
- V. **Görme ve İşitme Engelli Bireyler İçin Acil Durumlarda Bina Tahliye Sistemi Tasarımı ve Uygulaması**  
KARAGÖZ E., TECİM V.  
in: Engelsiz Bilişim 2021, Kalaç Mustafa Özhan, Tecim Vahap, Editor, Kriter, İstanbul, pp.63-74, 2021
- VI. **Sanal Gerçeklik ve Eğitim Alanındaki Uygulamaları**  
KARAGÖZ E., YILDIZ C., GÜNEY L. Ö., ÇAVAŞ B., ÇAVAŞ P.  
in: Dijital Medya ve Öğrenme, Abdullah Kuzu, Elif Kuzu, Editor, Pegem, Ankara, pp.153-168, 2020
- VII. **The Determination of Food Preferences with PROMETHEE Multi-Criteria Decision-Making Method: A Web-Based Application**  
Pelitli T., KARAGÖZ E., YARALIOĞLU K.  
in: Springer Proceedings in Business and Economics-Economic and Financial Challenges for Balkan and Eastern European Countries, Marietta Janowicz-Lomott Krzysztof Łyskawa Persefoni Polychronidou Anastasios Karasavvoglou, Editor, Springer Nature Switzerland, pp.329-341, 2020
- VIII. **Fen Bilimleri Eğitiminde Etkileşimli Elektronik Kitapların Kullanımı**  
KARAGÖZ E., ORAL L. Ö., ÇAVAŞ B.  
in: Fen ve Matematik Eğitiminde Teknolojik Yaklaşımlar, Dr. Devrim AKGÜNDÜZ, Editor, ANI YAYINCILIK, Ankara, pp.246-264, 2019
- IX. **Eğitimde İnternet Kullanımı**  
KARAGÖZ E.  
in: Bilişim Teknolojileri, Vahap Tecim, Editor, NOBEL Akademik Yayıncılık, Ankara, pp.243-266, 2019
- X. **Bilim Merkezlerinde Avrupa Bilim İnsanları Gecesi Programı**  
KARAGÖZ E., ORAL L. Ö., ÇAVAŞ B.  
in: OKUL DUVARLARININ ÖTESİNE ÖĞRENME YOLCULUĞU: Bilim-Teknoloji Merkezleri ve Bilim Müzeleri, Fitnat Köseoğlu, Uygur Kanlı, Editor, Nobel Akademik Yayıncılık, Ankara, pp.355-370, 2019
- XI. **A View of the impact of Technology on Science Education in 2070**  
KARAGÖZ E., ÇAVAŞ B., ORAL L. Ö.  
in: Science Education: Visions of the Future, AKPAN Ben, Editor, Next Generation Education, Abuja, pp.261-288, 2019
- XII. **İletişim ve İş birliği Teknolojileri**  
KARAGÖZ E.  
in: Bilişim Teknolojileri, Vahap TECİM, Editor, Nobel Akademik Yayıncılık, Ankara, pp.271-288, 2019
- XIII. **Design Of Intelligent Direction Systems By Using Multi Criteria Decision Algorithms In Emergency Evacuation Systems**  
KARAGÖZ E., TECİM V.  
in: Industry 4.0 from the MIS Perspective, Gülseçen, Sevinç Reis, Zerrin Ayvaz Gezer, Murat Erol, Çiğdem, Editor, Peter Lang, Berlin, pp.81-92, 2018
- XIV. **Teknolojik Yönlendirme Sistemi ve İletişimde Dijital Dönüşüm**  
KARAGÖZ E., TECİM V.  
in: IZCEAS 2018 New Trends In Economics and Administrative Sciences, Kamil Tüğen, Süleyman Yükçü, Editor, Detay Yayıncılık, Ankara, pp.1809-1820, 2018
- XV. **Defining Decision-Making Process for Student Learning Support System**  
KARAGÖZ E., TECİM V.  
in: Economy, Finance and Business in Southeastern and Central Europe, Karasavvoglou, A., Goi?, S., Polychronidou, P., Delias, P., Editor, SPRINGER, Cham, pp.621-636, 2018
- XVI. **"Etkin Yönetim Amaçlı Akıllı İletişim Platformu Geliştirilmesi ve Değerlendirilmesi**  
KARAGÖZ E., YILDIZ C., GÜNEY L. Ö., TECİM V.

## Refereed Congress / Symposium Publications in Proceedings

- I. **Meta Sınıfta ve Geleneksel Sınıfta İç Hava Kalitesini İyileştirmek için Sertifikalı Malzeme Seçiminin Etkileri**  
Apdik S. N., TOKUÇ A., BARAN B., YILDIZ C., KARAGÖZ E.  
7 th International Conference of Contemporary Affairs in Architecture and Urbanism (ICCAUA2024), Antalya, Turkey, 23 - 24 May 2024, pp.34-32
- II. **ENERGY EFFICIENCY IN BUILDINGS: A SIMULATION APPLICATION**  
Yıldız C., Yaralıoğlu K., Tecim V., Karagöz E.  
International Symposium in Graduate Researches on DataSciences, İzmir, Turkey, 2 - 03 December 2022
- III. **Augmented Reality And Web-Based Content Management Model**  
Baran B., Karagöz E., Güney L. Ö., Yıldız C., Dizdaroğlu A.  
The 4nd International Conference on Distance Learning and Innovative Educational Technologies (DILET2022), Ankara, Turkey, 8 - 09 December 2022, pp.380
- IV. **Examining Tpack Levels of Trainers in Higher Education**  
Baran B., Güney L. Ö., Yacı Ş. N., Karagöz E., Akdoğan F. S.  
DİLET 2022, Ankara, Turkey, 8 - 09 December 2022, pp.384-385
- V. **DigCompEdu Framework in Higher Education: Digital Competency Level of Faculty Members**  
Baran B., Yacı Ş. N., Karagöz E., Güney L. Ö., Akdoğan F. S.  
The 4nd International Conference on Distance Learning and Innovative Educational Technologies (DILET2022), Ankara, Turkey, 8 - 09 December 2022, pp.273-279
- VI. **The Use of Interactive Elektronik Book to Make Science Education Attractive for Students**  
KARAGÖZ E., ÇAVAŞ B.  
The 6th ICASE World Science and Technology Education Conference, Pattaya, Thailand, 2 - 06 December 2019
- VII. **The Effect of Robotic Education on The Concepts of Science and Technology In The Students' Mind**  
Karagöz E., Oral L. Ö., Çavaş B.  
International Symposium on Active Learning, Adana, Turkey, 6 - 08 September 2019, vol.1, pp.12-19
- VIII. **SYSTEM DEVELOPMENT LIFE CYCLE IN AN EFFECTIVE LEARNING MANAGEMENT SYSTEM DESIGN**  
Karagöz E., Oral L. Ö.  
EBEEC2019, Bucuresti, Romania, 10 - 12 May 2019, pp.38
- IX. **Beyond the pages: Interactive eworkbook of middle school students for science courses**  
KARAGÖZ E., ORAL L. Ö., YILDIZ C., ÇAVAŞ B.  
NSTA 2019, 09 April 2019
- X. **Teknolojik Yönlendirme Sistemi Ve İletişimde Dijital Dönüşüm**  
KARAGÖZ E., TECİM V.  
İZCEAS 2018: NEW TRENDS IN ECONOMICS AND ADMINISTRATIVE SCIENCES, İzmir, Turkey, 5 - 08 December 2018, pp.1809-1820
- XI. **İnteraktif Memnuniyet Değerlendirme Sistemi: Mobil Kampüs**  
KARAGÖZ E., YILDIZ C., TECİM V.  
5th International Management Information Systems Conference, Ankara, Turkey, 24 - 26 October 2018, pp.1-14
- XII. **Effective Server Routing System Based on Topsis, Moora and Copras Techniques: Mobile Application**  
Oral L. Ö., Karagöz E., Tecim V., Ahmet Volkan E.  
5th International Management Information Systems Conference, Ankara, Turkey, 24 - 26 October 2018, pp.1-14
- XIII. **KARAR VERME YÖNTEMLERİ ARAS VE TOPSIS İLE BESİN TERCİHLERİNE YÖNELİK WEB TABANLI UYGULAMA**  
KARAGÖZ E., YARALIOĞLU K.  
IMISC2018, 24 - 26 October 2018

- XIV. **Bir Bölgenin Destinasyon İmajı ve Sosyal Ağların Reklam için Etkin Kullanımı: İzmir Sığacık Örneği**  
KORUYAN K., KARAGÖZ E.  
5th International Management Information Systems Conference, Ankara, Turkey, 24 - 26 October 2018, pp.66-67
- XV. **DESIGNING WEB BASED STAFF MONITORING SYSTEM USING COMPUTER VISION FOR EFFECTIVE BUSINESS PROCESS**  
KARAGÖZ E., TECİM V.  
10th International Conference EBEEC 2018 - "The Economies of the Balkan and the Eastern European Countries in the Changing World", Varşova, Poland, 11 - 13 June 2018, pp.25-32
- XVI. **THE DETERMINATION OF FOOD PREFERENCES WITH PROMETHEE MULTI-CRITERIA DECISION MAKING METHOD: AN APPLICATION ON WEB BASED**  
KARAGÖZ E., YARALIOĞLU K.  
EBEEC2018, 11 - 13 May 2018
- XVII. **DESIGNING IT BASED DECISION MAKING PROCESS FOR EFFECTIVE EVACUATION SYSTEMS VIA IBEACONS**  
KARAGÖZ E., TECİM V.  
EBEEC2018, 11 - 13 May 2018
- XVIII. **THE EFFECTIVE PERSONNEL SELECTION VIA MULTI CRITERIA DECISION MAKING METHOD ANALYTIC HIERARCHY PROCESS (AHP): A WEB BASED APPLICATION**  
KARAGÖZ E., YARALIOĞLU K.  
EBEEC2018, 11 May 2018
- XIX. **Design of Intelligent Direction Systems by Using Multi Criteria Decision Algorithms in Emergency Evacuation Systems**  
KARAGÖZ E., TECİM V.  
4th International Management Information Systems Conference (IMISC2017), İstanbul, Turkey, 17 - 20 October 2017, pp.71
- XX. **Web-Based Effective Decision Making Process Design**  
KARAGÖZ E., ORAL L. Ö., YILDIZ C., TECİM V.  
4th International Management Information Systems Conference (IMISC2017), İstanbul, Turkey, 17 - 20 October 2017, pp.65
- XXI. **An interactive web based project management tool for business decision making process**  
Karagöz E., Oral L. Ö., Yıldız C., Tecim V.  
9th International Conference - The Economies of Balkan and Eastern Europe Countries in the changed world, Athens, Greece, 28 - 30 April 2017, pp.3-13
- XXII. **Designing business management platform for effective communication using beacon technology**  
Karagöz E., Yıldız C., Oral L. Ö., Tecim V.  
9th International Conference-The Economies of Balkan and Eastern Europe Countries in the changed world, Athens, Greece, 28 - 30 April 2017, pp.46
- XXIII. **LMS Selection Process for Effective Distance Education System in Organizations**  
Karagöz E., Güney L. Ö., Kaya O. H., Tecim V.  
Conference on Economies of Balkan and Eastern Europe Countries in the Changed World (EBEEC), Split, Croatia, 6 - 08 May 2016, pp.343-356
- XXIV. **Development and Evaluation of Smart Communication Platform For Effective Management**  
Karagöz E., Yıldız C., Oral L. Ö.  
3. INTERNATIONAL MANAGEMENT INFORMATION SYSTEMS CONFERENCE, İzmir, Turkey, 18 - 20 October 2016
- XXV. **DEFINING DECISION MAKING PROCESS FOR STUDENT LEARNING SUPPORT SYSTEM**  
KARAGÖZ E., TECİM V.  
8th International Conference The Economies of Balkan and Eastern Europe Countries in the changed world EBEEC 2016, Split, Croatia, 6 - 08 May 2016
- XXVI. **Using Fuzzy Logic In The Assessment And Evaluation Analysis Of Exams**  
Karagöz E., Yıldız C., Oral L. Ö., Tecim V.  
2. Ulusal Yönetim Bilişim Sistemleri Kongresi 2015, Erzurum, Turkey, 8 - 10 October 2015, pp.459-470

## Other Publications

### I. Post-Pandemic Education: Hybrid and Blended Learning Models

Yacı Ş. N., Baran B., Akdoğan F. S., Karagöz E., Güney L. Ö., Eraslan D., Yıldız C., Dizdaroğlu A.  
Other, pp.6-20, 2021

## Supported Projects

BARAN B., ÇİN E., APTİK S. N., KARAGÖZ E., BOZDAĞ Ö., TOKUÇ A., GÜNEY L. Ö., YILDIZ C., YACI Ş. N., ERASLAN D., et al., Project Supported by Higher Education Institutions, Etkin Eğitim Süreçlerinde Sürdürülebilir Meta Sınıf Model, 2023 - Continues

AKYÜZ LEVİ E. E., TURAN E. F., ELLEZ A. M., YACI Ş. N., DİZDAROĞLU A., SUCUOĞLU H., BARAN B., KARAGÖZ E., YILMAZ T., UĞUR M., et al., Project Supported by Higher Education Institutions, İlköğretim Öğrencilerinde İklim Değişikliği Farkındalığı Sağlamaya Yönelik Öğretim Programı ve Zenginleştirilmiş Dijital İçerik Geliştirme (11-14 yaş grubu), 2022 - Continues

Baran B., Güney L. Ö., Yacı Ş. N., Çulha Özbaş B., Siyez D. M., Cantürk Günhan B., Ünal Çoban G., Karapınar İ., Akdoğan F. S., Karagöz E., et al., TUBITAK Project, Awareness Raising and Digital Content Development Training for the Dissemination of Sustainable Development Goals, 2022 - 2022

KARAGÖZ E., Project Supported by Higher Education Institutions, ELEKTRONİK KİTAP KULLANIMLI ÖĞRENME YÖNETİM SİSTEM TASARIMI, 2019 - 2021

Acar A., Çavaş B., Karagöz E., GÜNEY L. Ö., EU Supported Other Project, School Networks Alert Citizens protection, 2018 - 2021

## Metrics

Publication: 51

Citation (WoS): 3

H-Index (WoS): 1