

## Assoc. Prof. FUNDA ERGÜLEÇ

### Personal Information

**Email:** fergulec@ogu.edu.tr

**Web:** <https://avesis.ogu.edu.tr/fergulec>

### International Researcher IDs

ORCID: 0000-0002-7236-7894

Publons / Web Of Science ResearcherID: AAF-8191-2020

Yoksis Researcher ID: 275789

### Education Information

Doctorate, Indiana University Bloomington, Instructional Systems Technology, United States Of America 2011 - 2017

Postgraduate, University Of Cincinnati {Ohio}, Eğitim (Müfredat Ve Öğretim), United States Of America 2009 - 2011

Undergraduate, Selcuk University, Faculty Of Technical Education, Department Of Electronics And Computer Education, Turkey 2003 - 2007

### Dissertations

Doctorate, Students' Collaboration Experiences of a Purposeful Group Assignment Strategy and Team Building in an Online Graduate Class, Indiana University Bloomington, Instructional Systems Technology, 2017

Postgraduate, Developing Online Protocols, University Of Cincinnati {Ohio}, Eğitim (Müfredat Ve Öğretim), 2011

### Research Areas

Education, Educational Technology, Computer Education and Instructional Technology

### Academic Titles / Tasks

Associate Professor, Eskisehir Osmangazi University, EĞİTİM FAKÜLTESİ, EĞİTİM BİLİMLERİ BÖLÜMÜ, 2023 - Continues  
Research Assistant PhD, Eskisehir Osmangazi University, EĞİTİM FAKÜLTESİ, BİLGİSAYAR VE ÖĞRETİM TEKNOLOJİLERİ EĞİTİMİ BÖLÜMÜ, 2017 - 2023

Research Assistant, Indiana University Bloomington, School of Education, Center for P-16 Research and Collaboration, 2015 - 2017

Lecturer, University of Cincinnati, College of Education, Criminal Justice, and Human Services, Instructional Design and Technology, 2013 - 2014

### Academic and Administrative Experience

Mevlana Exchange Program Coordinator, Eskisehir Osmangazi University, EĞİTİM FAKÜLTESİ, 2019 - Continues

Farabi Coordinator, Eskisehir Osmangazi University, EĞİTİM FAKÜLTESİ, 2019 - Continues

Erasmus Coordinator, Eskisehir Osmangazi University, EĞİTİM FAKÜLTESİ, 2019 - Continues

Assistant Manager of Research and Application Center, Eskisehir Osmangazi University, 2019 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Eskisehir Osmangazi University, EĞİTİM FAKÜLTESİ, BİLGİSAYAR VE ÖĞRETİM TEKNOLOJİLERİ EĞİTİMİ BÖLÜMÜ, 2019 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Eskisehir Osmangazi University, REKTÖRLÜK, 2019 - Continues

## Courses

ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

İNSAN VE BİLGİSAYAR ETKİLEŞİMİ, Undergraduate, 2020 - 2021

BİLİŞİM TEKNOLOJİLERİ (I), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

BİLGİSAYAR II, Undergraduate, 2020 - 2021, 2018 - 2019

EĞİTİMDE BİLGİ TEKNOLOJİLERİ, Undergraduate, 2021 - 2022

BİLİŞİM TEKNOLOJİLERİ(H), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

OKUL DENEYİMİ, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

ÖĞRETİM TASARIMI, Undergraduate, 2019 - 2020

PROGRAMLAMA ÖĞRETİMİ YAKLAŞIMLARI, Undergraduate, 2018 - 2019

ÖĞRETİM TEKNOLOJİLERİNİN TEMELLERİ, Undergraduate, 2018 - 2019

BİLGİSAYAR I, Undergraduate, 2018 - 2019

Learning Sciences and Technology, Postgraduate, 2013 - 2014

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

- I. **The mediating role of self-regulated online learning behaviors: Exploring the impact of personality traits on student engagement**  
Kara A., Ergüleç F., Eren E.  
EDUCATION AND INFORMATION TECHNOLOGIES, vol.1, no.1, pp.1-30, 2024 (SSCI)
- II. **Using Augmented Reality Based Intervention to Teach Science to Students With Learning Disabilities**  
Yenioglu B. Y., Yenioglu S., Sayar K., ERGÜLEÇ F.  
Journal of Special Education Technology, vol.39, no.1, pp.108-119, 2024 (SSCI)
- III. **The impact of flipped learning on the relationship between self-regulated online learning and academic procrastination**  
ERGÜLEÇ F., KARA A., EREN E.  
CURRENT PSYCHOLOGY, vol.42, no.23, pp.19955-19969, 2023 (SSCI)
- IV. **A review of collaborative assessment strategies in online learning**  
Zhu M., ERGÜLEÇ F.  
DISTANCE EDUCATION, vol.44, no.3, pp.522-543, 2023 (SSCI)
- V. **Augmented reality for learning in special education: a systematic literature review**  
Yenioglu B. Y., ERGÜLEÇ F., Yenioglu S.  
INTERACTIVE LEARNING ENVIRONMENTS, vol.31, no.7, pp.4572-4588, 2023 (SSCI)
- VI. **Emergency remote teaching during the COVID-19 pandemic: Parents experiences and perspectives**  
Mısırlı Ö., Ergüleç F.  
Education and Information Technologies, vol.26, pp.6699-6718, 2021 (SSCI)

## Articles Published in Other Journals

- I. **Digital Stories, Real Solutions: Teacher Candidates' Path to Classroom Management**  
ÖZTEKİN BAYIR Ö., ERGÜLEÇ F.  
International Journal of Research in Teacher Education, vol.14, no.3, pp.69-91, 2023 (Peer-Reviewed Journal)
- II. **Self-Regulated Learning Behaviors of Pre-School Teacher Candidates in Flipped Learning**

- AĞMAZ R. F., ERGÜLEÇ F.  
Educational Policy Analysis and Strategic Research, vol.18, no.3, pp.197-222, 2023 (Peer-Reviewed Journal)
- III. **Çevrimiçi Ortamda Öz Düzenlemeli Öğrenmeyi Desteklemede Öğretim Uygulamaları**  
Eren E., Ergüleç F., Gönülkırılmaz E., Yakınlr Görgeç Z., İkiz E.  
Toplum, Eğitim ve Kültür Araştırmaları Dergisi, vol.2, no.1, pp.49-63, 2023 (Peer-Reviewed Journal)
- IV. **Design case for an adaptable and sustainable in-service training course template**  
DÖNMEZ H. M., ERGÜNAY O., ERGÜLEÇ F., YILDIRIM H., YURTSEVEN AVCI Z.  
International Journal of Designs for Learning, vol.13, no.2, pp.13-27, 2022 (Peer-Reviewed Journal)
- V. **Flipped learning in information technology courses: benefits and challenges**  
Yurtseven Avcı Z., Ergüleç F., Mısırlı Ö., Süral İ.  
Journal of Further and Higher Education, vol.46, no.5, pp.636-650, 2022 (ESCI)
- VI. **Implementation of TPACK-Based Instructional Design Model in an Emergency Remote Course**  
Ergüleç F., Eren E., Ersoy M.  
Hacettepe University Journal of Education, vol.37, pp.560-572, 2022 (ESCI)
- VII. **Analyzing Online Group Interactions with Critical Qualitative Research Approach**  
Ergüleç F.  
Dijital Ölçme ve Değerlendirme Araştırmaları Dergisi (DMER), vol.1, no.2, pp.1-18, 2021 (Peer-Reviewed Journal)
- VIII. **Emergency Remote Teaching from the Perspective of Pre-service Teachers: An Evaluation through Digital Stories**  
Ergüleç F., Eren E.  
Educational Policy Analysis and Strategic Research, vol.16, no.1, pp.61-77, 2021 (Peer-Reviewed Journal)
- IX. **Geriye Doğru Tasarım Modeli ve Ters Yüz Edilmiş Sınıflar Yaklaşımı Çerçevesinde bir Öğretim Tasarımı Dersi Tasarımı ve Uygulaması**  
SADIK O., ERGÜLEÇ F.  
İnönü Üniversitesi Eğitim Fakültesi Dergisi, 2021 (Peer-Reviewed Journal)
- X. **Teknolojik Pedagojik İçerik Bilgisi Tabanlı Öğretim Tasarımı Modeli: Okul-Üniversite İşbirliği Kapsamında Bir Değerlendirme**  
EREN E., ERGÜLEÇ F.  
Ahi Evran Üniversitesi Kırşehir Eğitim Fakültesi Dergisi, 2020 (Peer-Reviewed Journal)
- XI. **Revise and Update of Competencies about Using Practical Tools for Content Development Scale**  
YURTSEVEN AVCI Z., ERGÜLEÇ F., KARAKAYA ÖZYER K., EREN E.  
Kastamonu Education Journal, 2020 (Peer-Reviewed Journal)
- XII. **Türkiye’de Okul Öncesi Eğitiminde Teknoloji Kullanımı Alanında Araştırma Eğilimleri: Lisansüstü Tezlerin İçerik Analizi**  
Agmaz R. F., ERGÜLEÇ F.  
Akdeniz Eğitim Araştırmaları Dergisi (MJER), 2020 (Peer-Reviewed Journal)
- XIII. **Design and Facilitation Strategies Used in Asynchronous Online Discussions**  
ERGÜLEÇ F.  
Malaysian Online Journal of Educational Technology, 2019 (Peer-Reviewed Journal)
- XIV. **Music Down Here: A Project Based Learning Approach**  
Agmaz R. F., ERGÜLEÇ F.  
International Journal of Research in Teacher Education (IJRTE), vol.10, no.3, pp.42-53, 2019 (Peer-Reviewed Journal)
- XV. **Tablet Bilgisayarların Okul Öncesi Dönemde Resim Çiziminde Kullanılması**  
ERGÜLEÇ F., KİREMİT R. F.  
Journal of Theory and Practice in Education, 2019 (Peer-Reviewed Journal)
- XVI. **Instructional Strategies for Forming Online Collaborative Teams**  
ERGÜLEÇ F.  
International Journal on E-Learning (IJEL), vol.18, no.4, pp.349-372, 2019 (Scopus)
- XVII. **A Design Case for Implementing a Collaborative Strategy for Online Teams.**  
ERGÜLEÇ F., Zydney J.

International Journal of Designs for Learning, vol.10, no.1, pp.25-34, 2019 (Peer-Reviewed Journal)

**XVIII. Judgment and Instructional Design: How ID Practitioners Work In Practice**

Gray C. M., Dagli C., Demiral-Uzan M., Ergulec F., Tan V., Altuwaijri A. A., Gyabak K., Hilligoss M., Kizilboga R., Tomita K., et al.

PERFORMANCE IMPROVEMENT QUARTERLY, vol.28, no.3, pp.25-49, 2015 (ESCI)

**XIX. In Pursuit of Meaningful Dialogue: Using Protocols to Improve Discussion in Online and Face-to-Face Courses**

Ehrlich S., ERGÜLEÇ F., Mannheimer Zydney J., Angelone L.

International Journal of Interpreter Education, vol.5, no.2, pp.73-84, 2013 (Peer-Reviewed Journal)

## Books & Book Chapters

**I. Using Backward Design for Flipped Learning Environments**

Sadık O., Ergüleç F.

in: Learning, Design, and Technology. An International Compendium of Theory, Research, Practice, and Policy, Spector Michael,Lockee Barbara,Childress Marcus, Editor, Springer, London/Berlin , Geneve, pp.1-30, 2022

**II. Factors Affecting Students' Educational Communication Preferences during the Emergency Remote Teaching**

Ağmaz R. F., Ergüleç F.

in: Eğitim Araştırmaları 2022, Hafize Gümüş,Mensure Alkış Küçükaydın, Editor, Necmettin Erbakan Üniversitesi Yayınları, Konya, pp.103-117, 2022

**III. Erken Okuryazarlıkta Artırılmış Gerçeklik**

Ergüleç F.

in: Erken Okuryazarlık Becerilerinin Gelişiminde Teknoloji Kullanımı, Yahya Han ERBAŞ,Rahime Filiz AĞMAZ, Editor, Pegem A Yayıncılık, Ankara, pp.143-154, 2020

**IV. Erken Çocukluk Eğitiminde Öğretim Teknolojileri,**

Ergüleç F.

in: Erken Çocukluk Eğitiminde Dijital Teknoloji ve Öğrenme, Rahime Filiz AĞMAZ,Funda ERGÜLEÇ, Editor, Pegem A Yayıncılık, Ankara, pp.1-14, 2020

**V. Erken Çocukluk Eğitiminde Dijital Teknoloji ve Öğrenme**

Ağmaz R. F. (Editor), Ergüleç F. (Editor)

in: Erken Çocukluk Eğitiminde Dijital Teknoloji ve Öğrenme, Rahime Filiz AĞMAZ,Funda ERGÜLEÇ, Editor, Pegem A Yayıncılık, Ankara, pp.1-163, 2020

**VI. Tasarım Odaklı Düşünme Yaklaşımı: Arduinio ile Proje Geliştirme Süreci**

Sadık O., Ergüleç F., Oktay O.

in: Güncel Öğrenme Teknolojileri ve Materyal Tasarımı, E. Keles,M.Kokoc, Editor, Pegem A Yayıncılık, Ankara, pp.191-220, 2020

**VII. A Game-Based Student Response System: Engaging Assessment in the Classroom**

Ergüleç F., Mısırlı Ö.

in: Handbook of Research on Fostering Student Engagement With Instructional Technology in Higher Education, Alqurashi Emtinan, Editor, IGI Global, Pennsylvania, pp.154-166, 2020

## Refereed Congress / Symposium Publications in Proceedings

**I. Eğitimcilerin Çevrimiçi Ortamda Kullandıkları Öğretim Stratejileri**

ATAKAN Z., GÖNÜLKIRMAZ E., İKİZ E., SARIKAYA C., ERGÜLEÇ F., EREN E., ŞAHİN M.

16th International Computer And Instructional Technologies Symposium, Eskişehir, Turkey, 26 - 28 October 2023

**II. An Overview of the Distance Education and Research Centers at Universities in Turkey**

DOĞAN U., YURTSEVEN AVCI Z., Çorak H., ERGÜLEÇ F.

- International Open & Distance Learning Conference, Turkey, 28 September 2022
- III. **Evaluation of Metaverse in terms Capabilities for Distance Education**  
YETİK E., YURTSEVEN AVCI Z., ERGÜLEÇ F.  
International Open & Distance Learning Conference, Turkey, 28 September 2022
- IV. **Öğrenme Güçlüğü Olan Öğrencilere Fen Bilgisi Konularının Öğretiminde Artırılmış Gerçeklik Uygulamasının Etkililiği**  
YILMAZ YENİOĞLU B., ERGÜLEÇ F., Sayar K., Yenioglu S.  
EJER Congress, Turkey, 22 June 2022
- V. **Strategies to access online collaborative learning: A systematic review**  
Zhu M., ERGÜLEÇ F.  
Edmedia, United States Of America, 20 June 2022
- VI. **The design and impact of small group online discussion board protocols**  
ERGÜLEÇ F., KİREMİT R. F.  
International Congress of Educational Research (EAB), 25 - 28 April 2019
- VII. **The Community of Inquiry (CoI) Framework for Overcoming Learning Barriers in Open and Distance Education**  
YURTSEVEN AVCI Z., ERGÜLEÇ F.  
International Open Distance Learning Conference, 14 - 16 November 2019
- VIII. **Quality Assurance in Distance Learning: Practicability of Quality Matters Program**  
ERGÜLEÇ F., YURTSEVEN AVCI Z.  
International Open Distance Learning Conference, 14 November - 16 December 2019
- IX. **Music down here: A project-based learning approach**  
AĞMAZ R. F., ERGÜLEÇ F.  
International Congress of Educational Research, 25 April 2019
- X. **FATİH Projesi Kapsamında Hazırlanan EBA'xxnın ve Diğer Ülkelerdeki Eğitim Portallarının İncelenmesi.**  
KİREMİT R. F., ERGÜLEÇ F.  
International Computer Instructional Technologies Symposium (ICITS), 2 - 04 May 2018
- XI. **An innovative instructional approach to design online asynchronous discussions**  
ERGÜLEÇ F., KİREMİT R. F.  
International Computer Instructional Technologies Symposium (ICITS), 2 - 04 May 2018
- XII. **Evaluation of Distance Education Common Courses: Case of a Public University**  
KANDEMİR C. M., YURTSEVEN AVCI Z., ERGÜLEÇ F.  
12th International Computer and Instructional Technologies Symposium, 2 - 04 May 2018
- XIII. **Impact of a Rural, Multi-county System of Care on the Wider Community.**  
Jeff A., ERGÜLEÇ F.  
the 30th Annual Research and Policy Conference, 3 - 05 March 2017
- XIV. **Implementing an Instructional Grouping Strategy into an Online Graduate Level Course: Design Case.**  
ERGÜLEÇ F.  
AECT International Convention, 17 - 21 October 2016
- XV. **The Process of Applying Qualitative Coding Strategies into Asynchronous Discussions**  
Ergüleç F., Ozdogan Z.  
International Congress of Qualitative Inquiry (ICQI), Illinois, United States Of America, 17 May - 21 October 2016
- XVI. **Forming online groups: A Purposeful Instructional Grouping Strategy**  
ERGÜLEÇ F.  
AECT International Convention, 17 October 2016
- XVII. **Building Collaborative Learning Communities in Online Courses**  
ERGÜLEÇ F.  
EdMedia: World Conference on Educational Media and Technology, 28 - 30 June 2016
- XVIII. **Purposeful Group Assignment Strategy and Team Building in Online Graduate Courses**  
ERGÜLEÇ F., Zydney J.

- AECT International Convention, United States Of America, 03 November 2015
- XIX. Does school context matter: Technology integration barriers in charter schools**  
Sadik O., Dagli C., ERGÜLEÇ F.  
AECT International Convention, United States Of America, 03 November 2015
- XX. Developing an Online Instructional Tutorial for Improving Correct Use of APA Style in Scholarly Writing: A Design Case**  
Demiral Uzan M., Dagli C., ERGÜLEÇ F., Jia X., Sadik O., Tomita K.  
AECT International Convention, 29 October 2013
- XXI. Design and Facilitation Strategies Used in Asynchronous Discussions**  
ERGÜLEÇ F.  
AECT International Convention, 29 October 2013
- XXII. School Principals Consider Technology Skills and Online Existing of Teacher Candidates**  
ERGÜLEÇ F., Sadik O., Dagli C.  
AECT International Convention, United States Of America, 29 October 2013
- XXIII. Fostering Inquiry-Based Learning (IBL) in Online Environments: Faculty Definitions, Explorations, Experiences, and Approaches**  
Ergulec F., ERGÜLEÇ F., Glazewski K.  
AECT International Convention, United States Of America, 29 October - 02 November 2013
- XXIV. Examining the role of a charter management organization in technology integration**  
Dagli C., ERGÜLEÇ F., Sadik O.  
AECT International Convention, United States Of America, 29 October 2013
- XXV. Enhancing Student Connections through Online Protocols**  
Zydney J., ERGÜLEÇ F., Angelone L., Ehrlich S.  
American Education Research Association (AERA), United States Of America, 27 April 2013
- XXVI. Building Better Dialog Between Students trough Creating Structured Online Discussions with Protocols**  
ERGÜLEÇ F.  
AECT International Convention, 30 October 2012
- XXVII. Learners' Strategies for Interpreting Instructional Images**  
Boling E., Altuwaijri A., Jung J., Gray C., Yildirim C., Modell M. G., Howard C., ERGÜLEÇ F., Demiral M.  
AECT International Convention, United States Of America, 30 October 2012
- XXVIII. Making Reading Assignments an Engaging Activity**  
Lewis K., ERGÜLEÇ F.  
Annual Sloan Consortium International Conference on Online Learning, 09 November 2011

## Other Publications

- I. System of Care Partnerships with Education: A Case Study from Rural Southeastern Indiana**  
Anderson J., Bixler K., Ergüleç F.  
Technical Report, 2018
- II. Indiana System of Care Phase II: A Case Study of Development, Implementation, and Evolution**  
Anderson J., Ergüleç F., Ruschman N.  
Technical Report, 2018
- III. A Comparison of Systems of Care in Two Rural Communities**  
Zhang L., Anderson J., Ergüleç F., Cornell H., Moon J., Gee E.  
Technical Report, 2016
- IV. Indiana System of Care: A Case Study of Development, Implementation, and Evolution**  
Anderson J., Ergüleç F., Ruschman N.  
Technical Report, 2016
- V. Community Impact Study**

Anderson J., Ergüleç F., Cornell H., Larner Ruschman N., Min M.  
Technical Report, 2016

## Supported Projects

Ergüleç F., TÜBİTAK - AB COST Project, Work inequalities in later life redefined by digitalization (DIGI-net), 2022 - 2026  
Ergüleç F., Bayar R., YURTSEVEN AVCI Z., KUŞCA GÜNGÖR S., Erasmus Project, I LEARN AND GET BEYOND MY LIMITS, 2020 - 2022  
Ergüleç F., Bayar R., YURTSEVEN AVCI Z., KUŞCA GÜNGÖR S., Erasmus Project, LET'S HOLD ON TO LIFE TOGETHER, 2020 - 2022  
Ergüleç F., Yılmaz Yenioğlu B., Yenioğlu S., Project Supported by Higher Education Institutions, Öğrenme Güçlüğü Olan Öğrencilere Fen Bilgisi Konularının Öğretiminde Artırılmış Gerçeklik Uygulamasının Etkililiği, 2020 - 2021  
Ergüleç F., Eren E., Ersoy M., Project Supported by Higher Education Institutions, Teknolojik Pedagojik İçerik Bilgisi Tabanlı Öğretim Tasarımı Modelinin Okul-Üniversite İşbirliği Kapsamında Uygulanması, 2020 - 2021  
Sadık O., Ergüleç F., Project Supported by Higher Education Institutions, Bilgisayar Bilimi Eğitimi Eylem Araştırması: Öğrenci Merkezli Öğretim Tasarımı, 2019 - 2020  
Anderson J. A., Ergüleç F., Project Supported by Public Organizations in Other Countries, Evaluation of One Community One Family System of Care, 2015 - 2019

## Metrics

Publication: 69  
Citation (WoS): 114  
Citation (Scopus): 167  
H-Index (WoS): 3  
H-Index (Scopus): 4

## Scholarships

Mendel Sherman Öğretim Teknolojileri Bursu , University, 2017 - 2018  
Office of International Services Award, University, 2017 - 2018  
Instructional Systems Technology (IST/AVC) Bursu, University, 2016 - 2017  
University Graduate Scholarship (UGS), University, 2011 - 2013

## Non Academic Experience

MİLLİ EĞİTİM BAKANLIĞI