

## Assoc. Prof. Muhammet DEMİRBILEK

### Personal Information

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### Education Information

Doctorate, University of Florida, Graduate School, Curriculum & Instruction/Educational Technology, United States Of America 1999 - 2004

Postgraduate, University of Florida, Graduate School, Curriculum & Instruction /Educational Technology, United States Of America 1999 - 2001

Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği, Turkey 1993 - 1996

Undergraduate, Suleyman Demirel University, Mühendislik Fakültesi, Elektronik Mühendisliği, Turkey 1989 - 1993

### Foreign Languages

English, C1 Advanced

### Research Areas

Social Sciences and Humanities, Education, Computer Education and Instructional Technology

### Advising Theses

DEMİRBILEK M., Sosyal Medya ve Mesajlaşma Uygulamalarında Siber Zorbalık Davranışlarının Araştırılması, Postgraduate, Ç.Koçak(Student), 2017

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **The effect of social media multitasking on classroom performance**  
DEMİRBILEK M., TALAN T.  
ACTIVE LEARNING IN HIGHER EDUCATION, vol.19, no.2, pp.117-129, 2018 (Journal Indexed in SSCI)
- II. **Investigating Veterinary Medicine Faculty Perceptions of Lecture Capture: Issues, Concerns, and Promises**  
Kwiatkowski A. C. , DEMİRBILEK M.  
JOURNAL OF VETERINARY MEDICAL EDUCATION, vol.43, no.3, pp.302-309, 2016 (Journal Indexed in SCI)
- III. **Social media and peer feedback: What do students really think about using Wiki and Facebook as platforms for peer feedback?**  
DEMİRBILEK M.  
ACTIVE LEARNING IN HIGHER EDUCATION, vol.16, no.3, pp.211-224, 2015 (Journal Indexed in SSCI)
- IV. **A Needs Assessment for Academicians' Professional Development**  
KOÇ M., DEMİRBILEK M., Ince E. Y.  
EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.40, no.177, pp.297-311, 2015 (Journal Indexed in SSCI)
- V. **The Effects of Using Situation Comedy Video on English Speaking**

Ulusoy G., DEMİR BİLEK M.

ANTHROPOLOGIST, vol.16, pp.351-361, 2013 (Journal Indexed in SCI)

**VI. Secondary and High School Teachers' Perceptions Regarding Computer Games with Educational Features in Turkey**

Ince E. Y. , DEMİR BİLEK M.

ANTHROPOLOGIST, vol.16, pp.89-96, 2013 (Journal Indexed in SCI)

**VII. Learning to teach adults**

DEMİR BİLEK M.

BRITISH JOURNAL OF EDUCATIONAL TECHNOLOGY, vol.39, no.6, pp.1134-1135, 2008 (Journal Indexed in SSCI)

**VIII. Teaching secondary English with ICT**

DEMİR BİLEK M.

BRITISH JOURNAL OF EDUCATIONAL TECHNOLOGY, vol.39, no.5, pp.949-950, 2008 (Journal Indexed in SSCI)

## Articles Published in Other Journals

- I. **Towards a framework for creative online collaboration: A research on challenges and context**  
Stockleben B., Thayne M., Jaminki S., Haukijarvi I., Mavengere N. B. , DEMİR BİLEK M., Ruohonen M.  
EDUCATION AND INFORMATION TECHNOLOGIES, vol.22, no.2, pp.575-597, 2017 (Journal Indexed in ESCI)
- II. **Tıp Fakültesi Öğretim Üyelerinin Öğretimde Bilgisayar Tabanlı Simülasyon Kullanımı Hakkında Görüşlerinin Araştırılması**  
DEMİR BİLEK M.  
Uludağ Üniversitesi Eğitim Fakültesi Dergisi, vol.29, no.1, 2016 (Refereed Journals of Other Institutions)
- III. **Use of GeoGebra in Primary Math Educationin Lithuania An Exploratory Study fromTeachers Perspective**  
ZILINSKIENE I., DEMİR BİLEK M.  
INFORMATICS IN EDUCATION, vol.14, no.1, pp.129-144, 2015 (Journal Indexed in ESCI)
- IV. **GeoGebra Kullanımının Önlisans Matematik Öğretimine Etkinliğinin İncelenmesi**  
DEMİR BİLEK M., ÖZKALE A.  
NecatibeyEğitim Fakültesi Elektronik Fen ve Matematik Eğitim Dergisi (NEF-EFMED), vol.8, no.2, pp.98-123, 2015 (Other Refereed National Journals)
- V. **Oyun Tasarımcısı Ortaöğretim Öğrencileri PowerPoint Oyun Tasarımının Sözcük Hazinesi Kazanımına Etkisi**  
DEMİR BİLEK M.  
Ondokuz Mayıs Üniversitesi, Eğitim Fakültesi Dergisi, vol.34, no.1, pp.525-536, 2014 (Other Refereed National Journals)
- VI. **İngilizce Öğretmenlerinin Bilgisayar Yabancı Dil Öğretim ve Öğreniminde Kullanımı Hakkında Görüşleri**  
DEMİR BİLEK M., Yücel Z.  
Uludağ Üniversitesi Eğitim Fakültesi Dergisi, vol.24, no.1, pp.217-246, 2011 (Other Refereed National Journals)
- VII. **Math Teachers Perspectives on Using Educational Computer Games in Math Education**  
DEMİR BİLEK M., TAMER S. L.  
Procedia – Social and Behavioral Sciences, vol.9, pp.709-716, 2010 (Refereed Journals of Other Institutions)
- VIII. **Vocational Education in Turkey The past Changes and the Future**  
DEMİR BİLEK M.  
International Journal of Training Research, vol.8, no.2, pp.154-164, 2010 (Refereed Journals of Other Institutions)
- IX. **Investigating Attitudes of Adult Trainers towards Educational Mobile Media and Games in Eight European Countries**  
DEMİR BİLEK M.  
Journal of Information Technology Education, vol.16, no.1, pp.235-247, 2010 (Refereed Journals of Other Institutions)

- X. **Second Language Instructors Perspectives about the Use of Educational Games**  
DEMİR BİLEK M., YILMAZ İNCE E., TAMER S. L.  
Procedia - Social and Behavioral Sciences, vol.9, pp.717-721, 2010 (Refereed Journals of Other Institutions)

## Books & Book Chapters

- I. **A Case Study of Preparing Emirati Pre-Service Teachers to Integrate 3D Printing into Teaching and Learning.**  
Ali N., Cairns D., Khine M. S. , DEMİR BİLEK M.  
in: Integrating 3D Printing into Teaching and Learning: Practitioners' Perspectives., Nagla Ali, Myint Swe Khine, Editor, Brill Sense, BOSTON, pp.229-247, 2020
- II. **What is technology (T) and what does it hold for STEM education? Definition, issues and tools.**  
KOÇ M., DEMİR BİLEK M.  
in: Research Highlights in STEM Education, Mack Shelley Ahmet Kiray, Editor, ISRES Publishing., 2018
- III. **Foreign Language Teaching Practices in 3D Multi User Virtual Immersive Learning Environments**  
DEMİR BİLEK M., Siauciune V.  
in: Handbook of Research on Collaborative Teaching Practice in Virtual Learning Environments, Panconesi G. & Guida M., Editor, IGI Global Publications, New York, pp.129-145, 2017
- IV. **Foreign Language Teaching Practices in 3D Multi User Virtual Immersive Learning Environments**  
DEMİR BİLEK M., Kazlauskaitė Siauciune V.  
in: Handbook of Research on Collaborative Teaching Practice in Virtual Learning Environments, Gianni Panconesi Maria Guida, Editor, IGI Global, pp.129-145, 2017
- V. **Language Learning and Social Communication Using Chat Rooms**  
DEMİR BİLEK M., Mutlu B.  
in: Adolescent Online Social Communication and Behavior Relationship Formation on the Internet, R. Zheng, J.Burrow-Sanchez, C.Drew, Editor, IGI Global Publishing, pp.223-233, 2015
- VI. **Cognitive Load and Disorientation Issues in Hypermedia as Assistive Technology**  
DEMİR BİLEK M.  
in: Handbook of Research on Human Cognition and Assistive Technology Design Accessibility and Transdisciplinary Perspectives, Soonhwa Seok,Edward L. Meyen, Boaventura DaCosta, Editor, IGI Global Publishing, pp.109-120, 2010
- VII. **The Use of Electronic Games in Distance Learning as a Tool for Teaching and Learning**  
DEMİR BİLEK M.  
in: Encyclopedia of Distance Learning, P.L. Rogers, G.A. Berg, J.V. Boettcher, C. Howard, L.. Justice, and K. D. Schenk, Editor, IGI Global publication, pp.2209-2223, 2009
- VIII. **Digital Games for Online Adult Education: Trends and Issues**  
DEMİR BİLEK M.  
in: Online Education and Adult Learning New Frontiers for Teaching Practices, , Editor, IGI Global Publishing, pp.212-222, 2009

## Refereed Congress / Symposium Publications in Proceedings

- I. **Do emojis create the expected impression on human being?:How much realistic behaviors are people displaying when they use emojis?**  
DEMİR BİLEK M., Aksoy M.  
The International Conference on Science and Education (IConSE), 26 - 29 October 2019, pp.178-189
- II. **Maths Teachers' Attitudes Information and Communication Technologies in Rural Areas.**  
DEMİR BİLEK M., Demirbilek Ö.  
The International Conference on Science and Education (IConSE), 26 - 29 October 2019, pp.190-197

- III. **Investigating the Views of ICT Teachers on Utilizing Arduino in STEM Education**  
DEMİRBILEK M.  
International Conference on Education in Mathematics, Science Technology (ICEMST ), 28 April - 01 May 2019,  
pp.164-170
- IV. **Examining Pre-service Teachers' ICT Competencies to Solve Technology Related Issues in Teaching Environments**  
DEMİRBILEK M.  
International Conference on Education in Mathematics, Science Technology (ICEMST), 28 April - 01 May 2019,  
pp.159-163
- V. **Using computer simulations and games in engineering education: Views from the field**  
DEMİRBILEK M., KOÇ D.  
15th International Conference on ICT in Education, Research and Industrial Applications, Kherson, Ukraine, 12 - 15  
June 2019, vol.2393, pp.944-951
- VI. **What students think about computer and video games**  
DEMİRBILEK M.  
International Conference on Research in Education Science (ICRES), 28 April - 01 May 2019
- VII. **Satisfying STEM Education Using the Arduino in Middle School Science Teaching**  
DEMİRBILEK M.  
International Conference on Research in Education Science (ICRES), 28 April - 01 May 2019
- VIII. **Investigation of the Dissertations and Theses Regarding Pervasive Computing Games in Turkey.**  
DEMİRBILEK M., Ezdemir S.  
The International Conference on Science and Education (IconSE), 26 - 29 October 2018
- IX. **Examination of Studies Conducted On Mobile Apps Desinged For Educating Students with Special Needs inTurkey**  
DEMİRBILEK M., Korkmaz E. N.  
The International Conference on Science and Education (IconSE), 26 - 29 October 2018
- X. **Comparison of Internet Usage in Urban and Rural Middle School Students.**  
DEMİRBILEK M.  
International Congress of Science, Education and Technology Research., 10 - 12 August 2018
- XI. **The Impacts of Gambling on Social Life and Academic Success of Students in Higher Education**  
DEMİRBILEK M.  
International Conference on Education in Mathematics, Science Technology (ICEMST ), 28 April - 01 May 2018
- XII. **Views of Middle School Teachers and Students about Minecraft**  
DEMİRBILEK M.  
International Conference on Research in Education Science ICRES, 28 April - 01 May 2018
- XIII. **The Contribution of ICT Teachers to Technology Integration: What Do Teachers Think?**  
DEMİRBILEK M.  
International Conference on Research in Education Science ICRES 2018, 28 April - 01 May 2018
- XIV. **Investigating High School Students' Awareness on Safe Internet Use**  
DEMİRBILEK M.  
International Conference on Education in Mathematics, Science Technology (ICEMST 2018), 28 April - 01 May  
2018
- XV. **OnCreate Creative Online Cross Cultural Collaboration Experiences**  
DEMİRBILEK M.  
International Conference on Research in Education & Science ICRES, 19 - 22 May 2016
- XVI. **The Use of Social Network and Instant Messaging Applications of Middle School 8th Grade Students and Its Relationship with Academic Performance in Turkish Language Course**  
Ozlem D., DEMİRBILEK M.  
10th International Computer & Instructional Technologies Symposium, 16 - 18 May 2016
- XVII. **Developing the Scale of Cyberbullying Exposure in Social Media and Instant Messaging Applications**  
Kocak C., DEMİRBILEK M.

10th International Computer & Instructional Technologies Symposium, 16 - 18 May 2016

- XVIII. **English Language Teachers Perspectives on Utilizing an Online Social Networking Tool for Foreign Language Teaching**  
DEMİR BİLEK M.  
. "Innovation Arabia 9, Smart Learning Excellence Conference", 7 - 09 March 2016
- XIX. **OnCreate and the Virtual Teammate An analysis of online creative processes and remote collaboration**  
Thayne M., Stockleben B., Jaminki S., Haukijrvi I., Mavengere N. B., DEMİR BİLEK M., Mikko R.  
IFIP TC3 Working Conference: A New Culture of Learning: Computing and Next Generations, 1 - 03 July 2015
- XX. **Oyun Bağımlılığı ve Oyun Oynama Alışkanlıkları ile İlgili Yapılmış Çalışmaların İncelenmesi**  
DİKMEN C. H., DEMİR BİLEK M.  
9th International Computer & Instructional Technologies Symposium, 20 - 22 May 2015
- XXI. **Türkiye de Siber Zorbalık ile İlgili Literatürün Gözden Geçirilmesi**  
DEMİR BİLEK M., KOÇAK Ç.  
3rd International Instructional Technologies & Teacher Education Symposium, 9 - 11 September 2015
- XXII. **Training Preservice Teachers with a Safe Environment SimSchool the International**  
DEMİR BİLEK M.  
Conference on Education in Mathematics, Science & Technology (ICEMST 2016), 19 - 22 May 2016
- XXIII. **Digital Narrative and Game Scenarios for Children with Autism to Improve Peer related Social Interactions**  
DEMİR BİLEK M., Debra P., Maureen C.  
International Conference for Autism., 15 - 17 November 2014
- XXIV. **Investigating 3D Virtual Worlds for Foreign Language Teaching Teachers Perspectives on the Use of Second Life**  
DEMİR BİLEK M.  
8th International Computer & Instructional Technologies Symposium, 18 - 20 September 2014
- XXV. **GeoGebra nın Önlisans Matematik Öğretiminde Akademik Başarıya ve Matematik Dersine Karşı Tutuma Etkisinin ve Görüşlerinin İncelenmesi**  
ÖZKALE A., DEMİR BİLEK M.  
ERPA International Science and Mathematics Education Congress, 6 June - 08 September 2014
- XXVI. **Development of 3D SDU Maze Game with Unity 3D An Introduction**  
DEMİR BİLEK M., Solak E.  
Game. Games, Learning & Society (GSL) Conference 7.0, 15 - 17 June 2011
- XXVII. **English Language Teachers Perspectives on Using Computer Games for Second Language Teaching and Learning as a New Medium**  
DEMİR BİLEK M., Zeliha Y., Akesha H.  
American Educational Research Association (AERA, 2011) Annual Meeting, 6 - 08 April 2011
- XXVIII. **Math teachers' perspectives on using educational computer games in math education**  
DEMİR BİLEK M., Tamer S. L.  
1st World Conference on Learning, Teaching and Administration (WCLTA), Cairo, Egypt, 29 - 31 October 2010, vol.9
- XXIX. **Second Language Instructors' Perspectives about the Use of Educational Games**  
DEMİR BİLEK M., Yılmaz E., Tamer S.  
1st World Conference on Learning, Teaching and Administration (WCLTA), Cairo, Egypt, 29 - 31 October 2010, vol.9
- XXX. **ILGRECO A Mobile Game Development Experience for Adult Trainers Games Learning Society Conference 5 0**  
DEMİR BİLEK M.  
. Games, Learning & Society Conference 5.0, 10 - 12 June 2009
- XXXI. **Representation of poverty in international children s books**  
DEDEOĞLU H., DEMİR BİLEK M.

5. Congress of Qualitative Inquiry, 20 - 23 May 2009
- XXXII. **Eğiticilerin eğitimi projesine yönelik ihtiyaç analizi önerisi: Süleyman Demirel Üniversitesi örneği**  
KOÇ M., DEMİRBİLEK M., YILMAZ İNCE E.  
The First International Congress of Educational Research, Çanakkale, Turkey, 1 - 03 May 2009
- XXXIII. **The needs analysis suggestions for the project of teaching educators A sample of Süleyman Demirel University**  
KOÇ M., DEMİRBİLEK M., YILMAZ İNCE E.  
I. International Educational Researches in Turkey Congress, 1 - 02 May 2009
- XXXIV. **A Review of Digital Games for Teaching Vocabulary to Learners of English as a Second Language**  
MARULCU İ., DEMİRBİLEK M.  
2nd International Future-Learning Conference On Innovations in Learning for the Future 2008:e-Learning, 20 - 22 March 2008
- XXXV. **Introducing Mobile Games to Adult Educators A Turkish Case**  
DEMİRBİLEK M., ÇALIŞ H.  
2nd International Future-Learning Conference On Innovations in Learning for the Future 2008:e-Learning, 20 - 22 March 2008
- XXXVI. **Uzaktan Eğitimde Öğrencilerin Eğitimcilerin ve Kurumların Karşılaştığı Problemler**  
DEMİRBİLEK M.  
5. Uzaktan Eğitim Çalıştayı, Turkey, 16 - 19 November 2005
- XXXVII. **Review of Simulation to Constructivist Learning Environments**  
DEMİRBİLEK M.  
Society for Information Technology & Teacher Education International Conference, 11 - 13 March 2004
- XXXVIII. **Review of Learner Disorientation in Hypermedia Learning Environments**  
DEMİRBİLEK M.  
Society for Information Technology & Teacher Education International Conference, 11 - 13 March 2004
- XXXIX. **Motivational Strategies for the Web based Instruction**  
Tozoğlu D., DEMİRBİLEK M.  
Society for Information Technology & Teacher Education International Conference (SITE), 15 - 17 March 2002
- XL. **Impediments to Distance Education on the Learner Part**  
DEMİRBİLEK M., ÇİLESİZ Ş.  
Society for Information Technology & Teacher Education International Conference (SITE), 14 - 16 March 2002
- XLI. **Safety Strategies While Surfing in the Classroom**  
DEMİRBİLEK M., ÇİLESİZ Ş., Tozoğlu D.  
The Association for Educational Communications & Technology (AECT) International Conference, 9 - 11 November 2001
- XLII. **Issues in Integrating Computers into Classrooms**  
VARANK İ., Tozoğlu D., DEMİRBİLEK M.  
The Association for Educational Communications & Technology (AECT) International Conference, 8 - 10 November 2001
- XLIII. **The Comparing for Different Genres of the Internet in Education**  
DEMİRBİLEK M., Tozoğlu D., VARANK İ.  
The Association for Educational Communications & Technology (AECT) International Conference, 8 - 10 November 2001

## **Supported Projects**

KOÇ M., YILMAZ E., DEMİRBİLEK M., Project Supported by Higher Education Institutions, Süleyman Demirel Üniversitesi Akademisyenlerinin Profesyonel Gelişim Eğitimlerine Yönelik İhtiyaç Analizi, 2011 - 2012

## **Activities in Scientific Journals**

british journal of educational technology, Advisory Committee Member, 2016 - Continues

## **Scientific Refereeing**

British Journal of Educational Technology, SCI Journal, January 2015

## **Citations**

Total Citations (WOS):57

h-index (WOS):4