

## Res. Asst. MELTEM COŞKUN ŞİMŞEK

### Personal Information

**Email:** meltemcoskun@hacettepe.edu.tr

**Web:** <https://avesis.hacettepe.edu.tr/meltemcoskun>

### International Researcher IDs

ScholarID: MbzX1hEAAAAJ

ORCID: 0000-0003-4971-4963

Publons / Web Of Science ResearcherID: JEZ-7763-2023

ScopusID: 57764980400

Yoksis Researcher ID: 295015

### Education Information

Doctorate, Hacettepe University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 2019 - Continues  
Postgraduate, Hacettepe University, Eğitim Bilimleri Enstitüsü, Matematik ve Fen Bilimleri Eğitimi A.B.D., Turkey 2016 -  
2019

Undergraduate, Hacettepe University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 2010 - 2016

### Dissertations

Postgraduate, Süreklilik konusunda kavram imajı ve işlemsel anlayış, Hacettepe University, Eğitim Bilimleri Enstitüsü,  
2019

### Research Areas

Social Sciences and Humanities, Education, Teacher Training

### Articles Published in Other Journals

- I. **A Descriptive Content Analysis of the Studies Concerning Mathematical Literacy in Türkiye**  
Coşkun Şimşek M., Dumlu B. Ö., Turanlı N.  
Türk Eğitim Bilimleri Dergisi, vol.21, no.3, pp.1204-1225, 2023 (Peer-Reviewed Journal)
- II. **T Evaluation of the Studies on Linear Algebra Education in Türkiye: A Meta-synthesis Research**  
Coşkun Şimşek M., Turanlı N.  
Manisa Celal Bayar Üniversitesi Eğitim Fakültesi Dergisi, vol.11, no.2, pp.280-299, 2023 (Peer-Reviewed Journal)
- III. **Pre-service teachers' views on professional teaching knowledge courses: In terms of its place in the program**  
Coşkun Şimşek M., Dinçol Özgür S.  
Kocaeli Üniversitesi Eğitim Dergisi (Online), vol.6, no.1, pp.27-48, 2023 (Peer-Reviewed Journal)
- IV. **The Use of Virtual Reality, Augmented Reality, and the Metaverse in Education: The Views of Preservice Biology and Mathematics Teachers**  
Yılmaz M., Coskun Simsek M.  
MIER Journal of Educational Studies Trends & Practices, vol.13, no.1, pp.64-80, 2023 (ESCI)

- V. **Biomathematics Studies and Biomathematics Education in Turkey**  
YILMAZ M., COŞKUN M., TURANLI N.  
PAMUKKALE UNIVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ-PAMUKKALE UNIVERSITY JOURNAL OF EDUCATION,  
no.57, pp.356-381, 2023 (ESCI)
- VI. **Pre-service Teachers' Evaluation of Professional Teaching Knowledge Courses from the Aspect of their Professional Development**  
COŞKUN ŞİMŞEK M., DİNÇOL ÖZGÜR S.  
Milli Eğitim, vol.52, no.239, pp.1543-1574, 2023 (Scopus)
- VII. **Distance Education Through the Eyes of Mathematics Teachers Matematik Öğretmenlerinin Gözünden Uzaktan Eğitim**  
COŞKUN ŞİMŞEK M., İnam B., Yebrem Özdamar S., TURANLI N.  
Hacettepe Eğitim Dergisi, vol.37, no.2, pp.629-653, 2022 (Scopus)
- VIII. **CONCEPT IMAGES ON CONTINUITY OF PROSPECTIVE MATHEMATICS TEACHERS**  
Coşkun M., , Turanlı N.,  
Akdeniz Eğitim Araştırmaları Dergisi, vol.15, no.37, pp.53-73, 2021 (Peer-Reviewed Journal)
- IX. **Entrance System for High Schools: Development of the Guttman Attitude Scale towards Local Placement**  
COŞKUN M., İNAM B., TURANLI N.  
SAKARYA UNIVERSITY JOURNAL OF EDUCATION, vol.10, no.1, pp.152-165, 2020 (Peer-Reviewed Journal)
- X. **Continuity: The relation between concept image and procedural understanding**  
Coşkun M., Turanlı N.  
SHS Web of Conferences, vol.66, pp.66, 2019 (ESCI)
- XI. **Determination of Reasons of Failure of Prospective Mathematics Teachers in Undergraduate Courses: Topology Course Case**  
Coşkun M., Sezen Yüksel N.  
İnönü Üniversitesi Eğitim Fakültesi Dergisi, vol.19, pp.216-230, 2018 (Peer-Reviewed Journal)
- XII. **Comparative analysis of comprehensibility national and international mathematics exam questions**  
Turanlı N., Kiran A., Eş A. H., Coşkun M.  
International Journal of Social Sciences and Education Research, vol.3, no.5, pp.1892-1903, 2017 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Research and Education of Mathematical Biology within Turkey**  
Yılmaz M., Coşkun Şimşek M., Turanlı N.  
Gazi Üniversitesi Uluslararası Türk Dünyası Eğitim Bilimleri Kongresi (GÜTDEK), Ankara, Turkey, 24 - 26  
November 2021, pp.597-598
- II. **A Comparison of Curricula of 2013 and 2018 Math Course (9th and 10th Grades)**  
İnam B., Coşkun M., Yebrem S., Turanlı N.  
The International Pegem Conference on Education (IPCEDU-2020), Diyarbakır, Turkey, 16 - 19 September 2020,  
pp.698-699
- III. **Geometrical measurement: The content knowledge, attitudes and self-assessment of mathematics education students'**  
Coşkun M., Ördek Ö., Turanlı N.  
The International Pegem Conference on Education (IPCEDU-2020), Diyarbakır, Turkey, 16 - 19 September 2020,  
pp.624-625
- IV. **The Altitude Drawing of 9th Graders Based on Triangle Types**  
İnam B., Coşkun M., Turanlı N.  
Ondokuz Mayıs Üniversitesi Uluslararası 100. Yıl Eğitim Sempozyumu, Samsun, Turkey, 26 - 28 October 2019,  
pp.228

- V. **Continuity: The relation between concept image and procedural understanding**  
Coşkun M., Turanlı N.  
ERPA International Congresses on Education 2019, Sakarya, Turkey, 19 - 22 June 2019, pp.61
- VI. **Süreklilik konusunda matematik öğretmen adaylarının işlemsel anlayışları**  
Coşkun M., Turanlı N.  
1st International Science, Education, Art & Technology Symposium, İzmir, Turkey, 2 - 04 May 2019, pp.395
- VII. **Süreklilik konusunda matematik öğretmen adaylarının kavram imajları**  
Coşkun M., Turanlı N.  
28. Uluslararası Eğitim Bilimleri Kongresi (ICES/UEBK-2019), Ankara, Turkey, 25 - 28 April 2019, pp.776-777
- VIII. **Frequency of words used in PISA and TEOG of mathematics exam sets**  
Turanlı N., Kiran A., Eş A. H., Coşkun M.  
International Learning, Teaching and Educational Research Congress (ILTER), Amasya, Turkey, 6 - 08 September 2018, pp.498-499
- IX. **Comparative analysis of comprehensibility national and international mathematics exam questions**  
Turanlı N., Kiran A., Eş A. H., Coşkun M.  
International Conference on Social Sciences and Education Research, Ankara, Turkey, 8 - 10 September 2017, pp.13

## Supported Projects

Turanlı N., Kiran A., Eş A. H., Coşkun Şimşek M., Project Supported by Higher Education Institutions, Comparative Analysis of Comprehensibility National And International Mathematics Exam Questions, 2017 - 2017

## Metrics

Publication: 21