

Serkan Özel

Ph.D.

Contact

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Associate professor in the Department of Mathematics and Science Education at Bogazici University. My research focuses on the practice of mathematics instruction, technology integration, and STEM education. Expert on STEM education and educational technology, with a particular interest in how technology and mathematics skills combine to equip teachers with the skills and knowledge needed for responsible practice. Currently PI of a project to train elementary school teachers on STEM education, design learning environments (labs) for their schools, and share the know-how online.

education

- 2004-2009 **PhD** in Educational Psychology with specialization in Educational Technology *Texas A&M University*
Development and Testing of Achievement from Multiple Modes of Mathematical Representation: Audio, Audio-Visual, and Kinesthetic
- 1998-2004 **BS & MS** in Mathematics and Science Education *Bogazici University*
Honor Graduate

experience

- 2014-Now **ASSOCIATE PROFESSOR**
Mathematics and Science Education, Bogazici University, Istanbul, Turkey
- 2014-2016 **DEPARTMENT HEAD**
Primary Education, Bogazici University, Istanbul, Turkey
- 2014-2014 **VICE DEPARTMENT HEAD**
Primary Education, Bogazici University, Istanbul, Turkey
- 2014-Now **ASSOCIATE PROFESSOR**
Primary Education, Bogazici University, Istanbul, Turkey
- 2013-2014 **ASSISTANT PROFESSOR**
Primary Education, Bogazici University, Istanbul, Turkey
- 2009-2013 **INSTRUCTOR**
Primary Education, Bogazici University, Istanbul, Turkey
- 2012-2012 **VISITING SCHOLAR**
University of Cyprus, Nicosia, Cyprus
- 2009-2010 **THIRD LIEUTENANT & MATHEMATICS/GEOMETRY TEACHER (6-12)**
Military Service (Mandatory), Artvin, Turkey
- 2005-2009 **PROFESSIONAL DEVELOPMENT PROVIDER FOR K-12 TEACHERS**
Waco and Dallas ISDs, Texas, USA
Developed and implemented project-based STEM PDs to middle and high school teachers. Development of lesson plans and learning environments went through the whole year with schools.
- 2009-2009 **VISITING SCHOLAR**
Rutgers University, New Brunswick, NJ, USA
- 2005-2009 **GRADUATE RESEARCH ASSISTANT**
Aggie-STEM Center, Texas A&M University, College Station, TX, USA
MTC (Mathematics TEKS Connections), Texas A&M University
Educational Technology, Texas A&M University

GRANTS/PROJECTS

2018	Teachers Who Make A Difference Academy Academic Advisor & Educator	Sponsored by Hisar Schools and BÜYEM
2018	Implementation of STEM Education in Elementary Schools PI <i>Learning environments (STEM labs) design, STEM lesson plans development and implementation, teacher PD, National STEM Challenge</i>	Sponsored by Turkish Aerospace Industries
2018	Adaptation of Online and Mobile Learning Platform: DQ World PI	Sponsored by Turkcell
2017	Development of the Progressive Incorporation Perspective Among Prospective Secondary School Math Teacher Candidates Effective Math Teaching Researcher	Sponsored by Scientific Research Projects Bogazici University In Progress (35.000 TL)
2017	Children of the City Explore It Through Sea II (Project #: 117B083) Specialist	Sponsored by TUBITAK 4004 Completed (50.000 TL)
2016	EPALE Adult Education Competencies (Project # 2015-3218/001-001) Specialist	Sponsored by EU EPALE NSS
2016	Children of the City Explore It Through Sea I (Project #: 116B417) Specialist	Sponsored by TUBITAK 4004 Completed (51.966 TL)
2015	Defining and Assessing Mathematics Teacher Educator Competencies (Project # 115K510) Specialist	Sponsored by TUBITAK 1001 In Progress
2015	Doğa Schools Professional Development Seminars for Primary School Teachers Academic Advisor & Educator	Sponsored by Doğa Schools and BÜYEM In Progress
2015	Developing National Individualized Intelligence and Aptitude Test Researcher	Not sponsored by TUBITAK 1007 (2 nd round)
2014	Pera Children Book Principal Investigator	Sponsored by Suna and Inan Kirac Found. In Progress
2012	Experiencing and Learning the Cultural Heritage of My Country and My City Istanbul and Sharing it with my Friends Principal Investigator	Sponsored by Bogazici Uni (50.000 TL) Vehbi Koc Foundation (40.000 TL) Continuing Besiktas Munic. (120.000 TL)
2014	Improving the Teaching of Geometry in Europe Through Spatial Ability Support (2014-CY01-KA201-3) Partner	Not sponsored by EU LLP Comenius Total score of 78,5
2012	Mersin Children University: Who Afraid from Math? (Project #: 112B254) Educator	Sponsored by TUBITAK 4004 Completed

THESIS/DISSERTATION

Başkesen, Berna	Exp. in 2019	Evaluation of Effectiveness of a Professional Development Seminars
Öztekin, Utku	Exp. in 2019	Investigating the Relationship between Summer Camps and Students' STEM Career Choices
Yörük, Gamze	Exp. in 2019	Young Children's Understanding of Algebra
Ölmez, İ. Burak	Exp. in 2019	Modeling Mathematics Achievement Using a Large Scale Study: TIMSS
Akdemir, Z. Gonca	2018	Fifth graders' Comprehension of Expository Texts: Performance Differences Between Poor and Adequate Readers Co-advisor (Nalan Babür)
Güneş, Canan	2017	Teacher Engagement in Online Professional Development Follow-Up: The Role of the Workplace and ICT Familiarity
Özgür Küçük, Neriman	2017	The Influence of Item Format on Turkish Eighth Graders' Performance on the TIMSS
Sülün Taş, Aysun	2015	The effect of mathematics online review sessions through a webcast system on fifth grade students' mathematics achievement.
Eren, Mehmet	2014	A Collective Case Study to Understand the Whys and Wherefores of Not Using Technology in Mathematics Education.
Aşık, Merve	2013	Examining the early predictors of number sense among first graders Co-advisor (Nalan Babür)

EDITORIAL

Associate Editor (2017). *Bogazici University of Journal Education*.

Nitko, A. J., & Bookhart, S. M. (2016). Educational assessment of students. In B. Bıçak, M. Bahar, & S. Öze| (Trans. Eds.) Ankara, Turkey: Nobel Akademik. (Reprinted from *Educational assessment of students*, pp. 130-149, by A. J. Nitko, & S. M. Bookhart, 2011, Boston, MA: Allyn & Bacon)

Guest Editor (2013). *Mediterranean Journal for Research in Mathematics Education: An International Journal*, 12(1-2).

REFEREED JOURNAL ARTICLES

SSCI

1. Yetkiner Özel, Z. E., Özel, S., & Thompson, B. (2013). SES-related mathematics achievement gap in Turkey compared to European Union countries. *Education and Science*, 38(170), 179-193.
2. Özel, S. (2013). An analysis of in-service teachers' pedagogical content knowledge of division of fractions. *Anthropologist*, 16(1-2), 1-5.
3. Yetkiner Özel, Z. E., & Özel, S. (2013). Mathematics teacher quality: Its distribution and relationship with student achievement in Turkey. *Asia Pacific Education Review*, 14(2), 231-242. doi: 10.1007/s12564-013-9242-4
4. Capraro, R. M., Capraro, M. M., Yetkiner, Z. E., Özel, S., Kim, H. G., & Küçük, A. R. (2010). An international comparison of Grade 6 students' understanding of the equal sign. *Psychological Reports*, 106, 49-53.
5. Erktin, E., Donmez, G., & Özel, S. (2006). Psychometric characteristics of the math anxiety scale. *Education and Science*, 31(140), 26-33.

INTERNATIONAL

1. Elia, I., Özel, S., Gagatsis, A., Panaoura, A., & Yetkiner-Özel, Z. E. (2016). Students' mathematical work on absolute value: focusing on conceptions, errors and obstacles. *ZDM Mathematics Education*, 48(6), 895-907. DOI 10.1007/s11858-016-0780-1
2. Özel, S., Yetkiner Özel, Z. E., & Cifuentes, L. D. (2014). Effectiveness of an online manipulative tool and students' technology acceptances. *International Journal of Educational Studies in Mathematics*, 1(1), 1-15.
3. Matteson, S. M., Zientek, L. R., & Özel, S. (2013). Identifying what in-service teachers want in professional development experiences. *Teacher Education and Practice*, 26(3), 569-580.
4. Zientek, L. R., Yetkiner Özel, Z. E., Özel, S., & Allen, J. (2012). Reporting confidence intervals and effect sizes: Collecting the evidence. *Career and Technical Education Research*, 37(3), 277-295. doi: 10.5328/cter37.3.277
5. *Ölmez, İ. B., & Özel, S. (2012). Mathematics anxiety among sixth and seventh grade Turkish elementary school students. *Procedia – Social and Behavioral Sciences*, 46, 4933-4937.
6. Özel, S. (2012). Learning rational numbers: An experimental multi-modal representation approach via technology. *Mediterranean Journal for Research in Mathematics Education: An International Journal*, 11(1-2), 59-79.
7. *Başol, B., Özel, S., & Özel-Yetkiner, Z. E. (2012). The relationship between reading comprehension competence and word problem comprehension among third-grade students. *Journal of European Education*, 1(1), 1-8.
8. Capraro, R. M., Capraro, M. M., Yetkiner, Z. E., Corlu, M. S., Özel, S., Ye, S., & Kim, H. G. (2011). An international perspective on students' understanding of the equal sign. *Mediterranean Journal for Research in Mathematics Education: An International Journal*, 10, 185-211.
9. Özel, S., Yetkiner, Z. E., & Capraro, R. M. (2008). Technology in k-12 mathematics classrooms. *School Science and Mathematics*, 108, 80-85.
10. Cifuentes, L., & Özel, S. (2006). Resources for attending to the needs of multicultural learners. *Knowledge Quest*, 35(2), 12-19.

BOOK CHAPTERS

INTERNATIONAL

1. Memiş, R., Özel, S., & Özcan, M. (2014). Mathematics teachers' attitudes towards the integration of technology into mathematics classes. In H. Arslan, G. Rata, E. Kocayörük, & M. A. İçbay (Eds.), *Multidisciplinary Perspectives on Education* (pp. 145-152). New Castle, UK: Cambridge Scholars.
2. Özel, S. (2012). Utilizing cognitive resources in user interface designs. In B. Khan (Ed.), *User interface design for virtual environments: Challenges and advances* (pp. 115-123). Hershey, PA: IGI Global.
3. Özel, S., & Özel Yetkiner, Z. E (2011). Digital book readers. In S. J. Greenwald & J. E. Thomley (Eds.), *Encyclopedia of mathematics and society* (pp. 303-304). Pasadena, CA: Salem Press.
4. Özel, S., & Özel Yetkiner, Z. E (2011). Representations in society. In S. J. Greenwald & J. E. Thomley (Eds.), *Encyclopedia of mathematics and society* (pp. 863-868). Pasadena, CA: Salem Press.
5. Özel Yetkiner, Z. E, & Özel, S. (2011). Communication in society. In S. J. Greenwald & J. E. Thomley (Eds.), *Encyclopedia of mathematics and society* (pp. 219-225). Pasadena, CA: Salem Press.
6. Özel Yetkiner, Z. E, & Özel, S. (2011). Measurement in society. In S. J. Greenwald & J. E. Thomley (Eds.), *Encyclopedia of mathematics and society* (pp. 640-645). Pasadena, CA: Salem Press.
7. Yetkiner, Z. E, & Özel, S. (2010). One-tailed test. In N. J. Salkind (Ed.), *Encyclopedia of research design* (969-971). Thousand Oaks, CA: Sage.
8. Stitt, J. R., & Özel, S. (2010). Introduction to Geographical Information Systems (GIS). In R. M. Capraro, M. M. Capraro, J. Morgan, & J. Scheurich (Eds.), *A companion to interdisciplinary STEM project-based learning: For teachers by teachers* (pp. 27-34). Rotterdam, the Netherlands: Sense.

9. Stitt, J. R., & Özel, S. (2010). Intro to AutoCAD: Say goodbye to winter. In R. M. Capraro, M. M. Capraro, J. Morgan, & J. Scheurich (Eds.), *A companion to interdisciplinary STEM project-based learning: For teachers by teachers* (pp. 43-48). Rotterdam, the Netherlands: Sense.
10. Stitt, J. R., & Özel, S. (2010). Geographical Information Systems (GIS): Define the world as you see it. In R. M. Capraro, M. M. Capraro, J. Morgan, & J. Scheurich (Eds.), *A companion to interdisciplinary STEM project-based learning: For teachers by teachers* (pp. 127-132). Rotterdam, the Netherlands: Sense.
11. Stitt, J. R., & Özel, S. (2010). Geographical Information Systems (GIS): Neighborhood project. In R. M. Capraro, M. M. Capraro, J. Morgan, & J. Scheurich (Eds.), *A companion to interdisciplinary STEM project-based learning: For teachers by teachers* (pp. 133-138). Rotterdam, the Netherlands: Sense.
12. Stitt, J. R., & Özel, S. (2010). Geographical Information Systems (GIS) and the business models. In R. M. Capraro, M. M. Capraro, J. Morgan, & J. Scheurich (Eds.), *A companion to interdisciplinary STEM project-based learning: For teachers by teachers* (pp. 145-153). Rotterdam, the Netherlands: Sense.
13. Stitt, J. R., & Özel, S. (2010). Is our library floor plan conducive for learning? In R. M. Capraro, M. M. Capraro, J. Morgan, & J. Scheurich (Eds.), *A companion to interdisciplinary STEM project-based learning: For teachers by teachers* (pp. 155-161). Rotterdam, the Netherlands: Sense.
14. Özel, S., Yetkiner, Z. E., Capraro, R. M., & Kupcu, A. R. (2009). Young adolescent education in Turkey. In S. B. Mertens, V. Anfara, & K. Roney (Eds.), *An international look at educating young adolescent* (pp. 1-23). Charlotte, NC: Information Age.
15. Cifuentes, L., & Özel, S. (2009). Using technologies to support STEM project-based learning. In R. M. Capraro & S. W. Slough (Eds.), *Project-based learning: An integrated sciences, technology, engineering, and mathematics (STEM) approach* (pp. 67-78). Rotterdam, the Netherlands: Sense.
16. Özel, S. (2009). W³ of STEM PBL. In R. M. Capraro & S. W. Slough (Eds.), *Project-based learning: An integrated sciences, technology, engineering, and mathematics (STEM) approach* (pp. 117-134). Rotterdam, the Netherlands: Sense.

NATIONAL

1. Özel, S. (2016). Ölçme, Birim, Nitelik [Measurement, Unit, Characteristics]. In A. N. Elçi, E. Bukova Güzel, B. Cantürk Günhan, & E. Ev Çimen (Eds.), *Temel Matematiksel Kavramlar Ve Uygulamaları: Öğrenenler ve Öğretenler İçin* [Basic Mathematics Concepts and Their Applications: For Learners and Educators] (pp. 231-236). Türkiye: Pegem Akademi
2. Olgun, B., & Özel, S. (2016). Olasılık [Probability]. In A. N. Elçi, E. Bukova Güzel, B. Cantürk Günhan, & E. Ev Çimen (Eds.), *Temel Matematiksel Kavramlar Ve Uygulamaları: Öğrenenler ve Öğretenler İçin* [Basic Mathematics Concepts and Their Applications: For Learners and Educators] (pp. 279-296). Türkiye: Pegem Akademi
3. Özel, S., & Yetkiner-Özel, Z. E. (2013). Etkileşimli beyaz tahtalar [Interactive white boards]. In M. Doğan & E. Karakırık (Eds.), *Matematik Eğitiminde Teknoloji Kullanımı* [Technology Use in Mathematics Education] (pp. 377-386). Türkiye: Nobel/Atlas.

TRANSLATIONS

1. Nitko, A. J., & Bookhart, S. M. (2016). Educational assessment of students (B. Bıçak & S. Özel, Trans.). In B. Bıçak, M. Bahar, & S. Özel (Eds.), *Validity of Assessment Results (34-62)*, Ankara, Turkey: Nobel Akademik. (Reprinted from *Educational assessment of students*, pp. 34-62, by A. J. Nitko, & S. M. Bookhart, 2011, Boston, MA: Allyn & Bacon)
2. Nitko, A. J., & Bookhart, S. M. (2016). Educational assessment of students (S. Özel, Trans.). In B. Bıçak, M. Bahar, & S. Özel (Eds.), *Planning for Integrating Assessment and Instruction (105-129)*, Ankara, Turkey: Nobel Akademik. (Reprinted from *Educational assessment of students*, pp. 105-129, by A. J. Nitko, & S. M. Bookhart, 2011, Boston, MA: Allyn & Bacon)
3. Nitko, A. J., & Bookhart, S. M. (2016). Educational assessment of students (S. Özel, Trans.). In B. Bıçak, M. Bahar, & S. Özel (Eds.), *Diagnostic and Formative Assessments (130-149)*, Ankara, Turkey: Nobel Akademik. (Reprinted from *Educational assessment of students*, pp. 130-149, by A. J. Nitko, & S. M. Bookhart, 2011, Boston, MA: Allyn & Bacon)
4. Van de Walle, J. A., Karp, K. S., & Bay-Williams, J. M. (2012). Elementary and middle school mathematics: Teaching developmentally (S. Özel & Z. E. Yetkiner Özel, Trans.). In S. Durmus (Ed.), *Developing strategies for fraction computation (309-327)*, Ankara, Turkey: Nobel Akademik. (Reprinted from *Elementary and middle school mathematics: Teaching developmentally*, pp. 309-327, by J. A. Van de Walle, K. S. Karp, & J. M. Bay-Williams, 2010, Boston, MA: Pearson)
5. Van de Walle, J. A., Karp, K. S., & Bay-Williams, J. M. (2012). Elementary and middle school mathematics: Teaching developmentally (S. Özel & Z. E. Yetkiner Özel, Trans.). In S. Durmus (Ed.), *Developing fraction concepts (286-308)*, Ankara, Turkey: Nobel Akademik. (Reprinted from *Elementary and middle school mathematics: Teaching developmentally*, pp. 286-308, by J. A. Van de Walle, K. S. Karp, & J. M. Bay-Williams, 2010, Boston, MA: Pearson)
6. Van de Walle, J. A., Karp, K. S., & Bay-Williams, J. M. (2012). Elementary and middle school mathematics: Teaching developmentally (S. Özel & Z. E. Yetkiner Özel, Trans.). In S. Durmus (Ed.), *Developing strategies for whole-number computation (213-239)*, Ankara, Turkey: Nobel Akademik. (Reprinted from *Elementary and middle school mathematics: Teaching developmentally*, pp. 213-239, by J. A. Van de Walle, K. S. Karp, & J. M. Bay-Williams, 2010, Boston, MA: Pearson)
7. Van de Walle, J. A., Karp, K. S., & Bay-Williams, J. M. (2012). Elementary and middle school mathematics: Teaching developmentally (S. Özel & Z. E. Yetkiner Özel, Trans.). In S. Durmus (Ed.), *Developing whole-number place-value concepts (187-*

212), Ankara, Turkey: Nobel Akademik. (Reprinted from *Elementary and middle school mathematics: Teaching developmentally*, pp. 187-212, by J. A. Van de Walle, K. S. Karp, & J. M. Bay-Williams, 2010, Boston, MA: Pearson)

REFEREED CONFERENCE PRESENTATIONS (SELECTED)

1. Sülün Taş, A., Özel, S., & Yetkiner, E. Z. (2016, July). *The effect of mathematics online review sessions through a webcast system on 5th-grade students' mathematics achievement*. Paper presented at the 13th conference of International Congress on Mathematical Education, Hamburg, Germany.
2. Özel, S., Yetkiner Özel, Z. E., Zientek, L. R., & Cory, B. (2014, September). Pre-service teachers' Van Hiele geometric understanding levels: US and Turkey comparison. Panel presented at XI National Science and Mathematics Education Congress, Adana, Turkey.
3. Özel, S., Yetkiner Özel, Z. E., Başol, B., Erdik, E., Eren, M., & Ölmez, İ. B. (2012, September). A Content Analysis of Gender Roles in Turkish Mathematics Textbooks. Paper presented at MEDCONF 2012: 7th Mediterranean Conference on Mathematics Education, Nicosia, Cyprus.
4. Matteson, S. M., Zientek, L. R., Özel, S., & Yetkiner, Z. E. (2012, February). *Next Steps in Professional Development for Mathematics Teacher*. Paper presented at the annual meeting of Southwest Educational Research Association, New Orleans, LA.
5. Özel, S., & Yetkiner, Z. E. (2010, October). *Multiple Representation Perspective and Students' Acceptance of an Online Manipulative Tool*. Paper presented at E-Learn, Orlando, FL.
6. Yetkiner, E. Z., & Özel, S. (2009, April). *Turkish middle school students' perspective on the equal sign*. Paper presented at the American Educational Research Association, San Diego, CA.
7. Özel, S., Capraro, R. M., & Yetkiner, E. Z. (2008, July). *A technology intervention using multiple representations on mathematics*. Paper presented at the 11th conference of International Congress on Mathematical Education, Monterrey, Mexico.
8. Özel, S. (2008, June). *A virtual environment with multiple representations to teach fractions*. Paper presented at the AECT Research Symposia, Instructional Design for Complex Learning: Exploring the Issues, Bloomington, Indiana.
9. Zellner, R., Adiguzel, T., & Özel, S. (2006, October). *Digitized video research tools: Integrated resources for data collection, content analyses, and transcription*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Dallas, TX.
10. Zellner, R., Peden, E., Özel, S., & Adiguzel, T. (2005, October) *Embedded video: Creating, managing, accessing, and optimizing the resource in digitized video*. A concurrent session for the International Association for Educational Communications and Technology, Orlando, FL.

WORKSHOPS DELIVERED (SELECTED)

Oct 2018	LEGO Preschool Conference – Bogazici University – Chair of the organizing committee and Keynote Speaker
Oct 2017- Jun 2018	16-day – Measurement and Evaluation for K-6 Teachers. The seminar designed for MEC Schools.
Oct 2017- Oct 2018	30-hour – STEM Education for K-12 Teachers. The seminar designed for TED Bodrum Schools.
May-Jun 2017	30-hour - Differentiated Instruction for Preschool Teachers 30-hour – Measurement and Evaluation for Preschool Teachers Academic coordinator of the 100-hour PD seminars.
2015-2018	3-day - Technology Integration and STEM Education 1-day – Mathematical Thinking 1-day – Measurement and Evaluation 1-day – Question Focus Academic coordinator of the 16-day PD seminars. Totally 22 groups of primary school teachers.
2016-2018	2-day - Measurement and Evaluation 1-day – Mathematical Thinking and Questioning Academic coordinator of the 16-day PD seminars. Totally 4 groups of preschool school teachers.
August 2015	Applying 5E model in middle school science according to the STEM education principles An invited presentation at the STEM Education Approach: Empowering Science Classes with an Interdisciplinary Connections - 4005 TÜBİTAK Project. Sinop University, Sinop, Turkey. [8 contact hours of PD]
May 2015	STEM Education Model and Exemplary Practices. Turkish Computer and Mathematics Education (BILMAT) Symposium, Adiyaman.
August 2013	Assessment and Evaluation – Erzurum (Ministry of National Education) One week seminar is delivered to 300+ teachers from different disciplines.
November 2012	Features of GeoGebra - Bahçeşehir University The one-day workshop is delivered to graduate students and faculty members of the Mathematics Department at Bahceshir University to introduce GeoGebra and its college level applications.

October 2012 Introduction to Geometer's Sketchpad – Bahçeşehir University
*The **one-day** workshop is delivered to graduate students and faculty members of the Mathematics Department at Bahcesehir University to introduce GSP and its college level applications.*

September 2012 Geometry with Geometer's Sketchpad - Mersin
*The workshop is delivered to 7th grade students to teach geometrical concepts using GSP by simulating a carousel. It is designed for a **TUBITAK project** called "Who is Afraid of Math"*

AWARDS

Lechner Graduate Program Grant (2009)

11th International Congress on Mathematics Education (ICME 11) Grant (2008)

4-Year Sponsorship from the Government of the Republic of Turkey for Ph.D. at Texas A&M University (2004)

COURSES TAUGHT

UNDERGRADUATE LEVEL COURSES

Academic Orientation for Math and Science Teachers
Teaching Geometry
Teaching Mathematics II
Research Methods in Math and Science Education
Computer Assisted Mathematics Teaching
Applied Research in Mathematics and Science Education
School Experience in Teaching Mathematics and Science
Instructional Design and Material Development

GRADUATE LEVEL COURSES

Advanced Quantitative Research Methods
Learning Environment in Primary Math and Science
Guided Reading in Primary Education
Special Topic: Current Trends in STEM Education
Special Topic: Textbook Analysis
Advanced Quantitative Methods
Applied Advanced Statistics (**Doctorate**)
Advanced Quantitative Research in Learning Sciences
(**Doctorate**)

PROFESSIONAL SERVICE

Committees at Bogazici University

2015-Now *Executive Board Member* - Applied Tourism and Research Centre (ATARC)
2015-Now *General Assembly Member* - Applied Tourism and Research Centre (ATARC)
2015-Now *Editorial Board Member* - Boğaziçi University Journal of Education
2014-2016 *Member* - Faculty Senate
2012-Now *Member* - Executive Committee of Student Information and Registration System
2012-Now *Member* - Executive Committee of Review of Promotion and Title Change Applications

Editorial/Advisory Boards, Scientific Committees

2017-Now Academic Advisor – MEÇ Schools
2015-Now Bogazici University Journal of Education (BUJE)
2014-Now International Journal of Educational Studies in Mathematics (IJESIM)
2013-Now Educational Sciences: Theory & Practice (ESTP)
2012-Now Mediterranean Journal for Research in Mathematics (MJRME)

Reviewer

2016-Now (1) Eurasian Journal of Educational Research
2015-Now (2) Bogazici University Journal of Education
2015-Now (3) Mathematics Education
2015-Now (1) SAGE Open
2015-Now (2) International Journal of Educational Studies in Mathematics (IJESIM)
2014-Now (3) Education and Science
2013-Now (1) Hacettepe University Journal of Education
2013-Now (3) Turkish Journal of Computer and Mathematics Education (TURCOMAT)
2012-Now (1) Educational Sciences: Theory & Practice (ESTP)
2012-Now (2) MAT-DER Matematik Eğitimi Dergisi [Mathematics Education Journal]
2010-Now (1) School Science and Mathematics Journal (SSMJ)
2009-Now (3) Southwest Educational Research Association (SERA)
2007 (10) Association for Educational Communications and Technology (AECT)

Organization Memberships

2012-Now *Founding member* - Mathematics Educators Society
2012-Now *Founding member* – T-STEM (Turkish STEM)
2011 *Local Organizing & Scientific Committee Member* - Asian Technology Conference in Mathematics