

# Prof. ÖZGÜL YILMAZ TÜZÜN

## Personal Information

**Office Phone:** [+90 210 641 4](tel:+902106414) Extension: 6414

**Fax Phone:** [+90 210 797 1](tel:+902107971)

**Email:** [ozgul@metu.edu.tr](mailto:ozgul@metu.edu.tr)

**Web:** <https://avesis.metu.edu.tr/ozgul>

### International Researcher IDs

ScholarID: azjr9dYAAAAJ

ORCID: 0000-0001-7869-9251

Publons / Web Of Science ResearcherID: AAG-6708-2019

ScopusID: 15053967400

Yoksis Researcher ID: 164962



## Education Information

1999 - 2004	Doctorate, Indiana University Bloomington, Faculty of Education, Curriculum and Instruction, United States Of America
1999 - 2003	Postgraduate, Indiana University Bloomington, Faculty of Education, Curriculum and Instruction, United States Of America
1996 - 1998	Postgraduate, Middle East Technical University, Faculty of Education, Mathematics and Science Education, Turkey
1990 - 1995	Undergraduate, Middle East Technical University, Faculty of Education, Mathematics and Science Education, Turkey

## Dissertations

2004	Factors Affecting the Development of Instructional Skills in Preservice Middle and Secondary School Science Teachers, Indiana University Bloomington, Faculty of Education, Curriculum and Instruction/Science and Environmental Education, Doctorate
2003	Master Degree, Indiana University, Faculty of Education, Curriculum and Instruction/ Science and Environmental Education, Postgraduate
1998	The Effects of Conceptual Change Texts Accompanied with Concept Mapping on Understanding of Cell Division Unit, Middle East Technical University, Graduate School of Natural and Applied Sciences, Faculty of Education/ Science and Mathematics Education, Postgraduate

## Research Areas

Social Sciences and Humanities, Education, Elementary School Education, Education in Natural Sciences, Teacher Training, Teacher Training in Science and Math. at Second. Sch. Lev.

## Academic Titles / Tasks

2014 - Continues	Professor, Middle East Technical University, Faculty of Education, Mathematics and Science Education
------------------	--

2009 - 2014	Associate Professor, Middle East Technical University, Faculty of Education, Elementary Education
2004 - 2008	Assistant Professor, Middle East Technical University, Faculty of Education, Elementary Education
1996 - 2004	Research Assistant, Middle East Technical University, Faculty of Education, Elementary Education

## Academic and Administrative Experience

2017 - 2021	Dean, Middle East Technical University, Faculty of Education
2016 - 2017	Deputy Head of Department, Middle East Technical University, Faculty of Education, Mathematics and Science Education
2016 - 2016	Head of Department, Middle East Technical University, Faculty of Education, Department of Elementary Education
2014 - 2016	Deputy Head of Department, Middle East Technical University, Faculty of Education, Department of Elementary Education
2013 - 2016	Erasmus Program Institutional Coordinator, Middle East Technical University, Faculty of Education, Department of Elementary Education
2012 - 2013	Vice Dean, Middle East Technical University, Faculty of Education
2009 - 2011	Deputy Head of Department, Middle East Technical University, Faculty of Education, Department of Elementary Education
2005 - 2011	Coordinator of Faculty Training Program, Middle East Technical University, Faculty of Education, Department of Elementary Education
2009 - 2009	Deputy Head of Department, Middle East Technical University, Faculty of Education, Department of Elementary Education

## Courses

2021 - 2022	INTERDISCIPLINARY SCIENCE TEACHING, Undergraduate
2018 - 2019	INDEPENDENT STUDY IN SCIENCE EDUCATION, Postgraduate
2018 - 2019	LABORATORY APPLICATIONS IN SCIENCE I, Undergraduate
2017 - 2018	ADVANCED EDUCATIONAL RESEARCH, Doctorate
2017 - 2018	INSTRUCTIONAL PRINCIPLES AND METHODS, Undergraduate
2018 - 2019	SCIENCE, TECHNOLOGY, AND SOCIETY, Undergraduate

## Advising Theses

2022	Yılmaz Tüzün Ö., Postgraduate, C.BAŞAK(Student), Middle school students' informal reasoning modes and argumentation quality in socioscientific issues: Epistemological beliefs and issue familiarity as predictors
2022	Yılmaz Tüzün Ö., Postgraduate, A.YILDIZ(Student), Middle school students' misconceptions about astronomy concepts and their attitudes towards astronomy
2022	YILMAZ TÜZÜN Ö., Postgraduate, B.MANAY(Student), Middle school students' informal reasoning quality, attitudes toward socioscientific issues and motivation to learn science
2021	YILMAZ TÜZÜN Ö., ÇAKIROĞLU J., Postgraduate, N.FATİMA(Student), The relationship between eighth grade students' nature of science understanding and their informal reasoning on socioscientific issues

- 2019 YILMAZ TÜZÜN Ö., Postgraduate, G.Özka(Student), Investigating science teachers' classroom discourse and students' reasoning quality through argument-based inquiry approach.
- 2018 YILMAZ TÜZÜN Ö., Doctorate, M.IRMAK(Student), Developing effective socioscientific issues teaching practices through educational design research
- 2017 YILMAZ TÜZÜN Ö., Doctorate, B.ÇAKIR(Student), Exploring preservice science teachers' energy conservation behavior through motivation, psychological needs and attitude: further supported with their awareness
- 2017 YILMAZ TÜZÜN Ö., Doctorate, Y.SOYSAL(Student), Exploration of the relations between the teacher's discursive roles and the students' cognitive contributions to the classroom discourse /
- 2016 YILMAZ TÜZÜN Ö., Doctorate, N.ÖZTÜRK(Student), Preservice science teachers' SSI teaching self-efficacy beliefs and their relations to knowledge, risk and benefit perceptions, and personal epistemological beliefs
- 2016 YILMAZ TÜZÜN Ö., Doctorate, B.TUNCAY(Student), Environmental moral reasoning patterns of pre-service science teachers and their relationships to epistemological beliefs and values
- 2015 YILMAZ TÜZÜN Ö., Postgraduate, S.AI(Student), Pre-service science teachers' perceptions of socioscientific issues: global warming as a case
- 2014 YILMAZ TÜZÜN Ö., Postgraduate, A.Saylan(Student), Relationships among pre-service science teachers' epistemological beliefs, knowledge level and trustworthiness on information sources: climate change, nuclear energy, and organ donation and transplantation
- 2014 YILMAZ TÜZÜN Ö., Doctorate, N.CANSIZ(Student), Developing preservice science teachers' socioscientific reasoning through socioscientific issues-focused course
- 2014 YILMAZ TÜZÜN Ö., Postgraduate, A.SAYLAN(Student), Relationships among pre-service science teachers' epistemological beliefs, knowledge level and trustworthiness on information sources: Climate change, nuclear energy, and organ donation and transplantation
- 2014 YILMAZ TÜZÜN Ö., Doctorate, D.KARIŞAN(Student), Exploration of preservice teachers' reflective judgment and argumentation skills revealed in a socioscientific issues-based inquiry laboratory course
- 2012 YILMAZ TÜZÜN Ö., Postgraduate, H.YANIŞ(Student), Investigating preservice science teachers' understanding of role and distribution of ozone layer and ozone layer depletion through mental models and ontological beliefs /
- 2012 YILMAZ TÜZÜN Ö., Doctorate, N.MUTLU(Student), The design and development of an online professional development material for science and technology teachers on assessment and evaluation
- 2011 YILMAZ TÜZÜN Ö., Postgraduate, M.SAVAŞ(Student), Investigating pre-service science teachers' perceived technological pedagogical content knowledge regarding genetics
- 2011 YILMAZ TÜZÜN Ö., Postgraduate, N.ÖZTÜRK(Student), Investigating pre-service science teachers' informal reasoning, epistemological beliefs and metacognitive awareness regarding socioscientific issues: A case for nuclear power plant construction
- 2011 YILMAZ TÜZÜN Ö., Postgraduate, N.Öztürk(Student), Investigating pre-service science teachers' informal reasoning, epistemological beliefs and metacognitive awareness regarding socioscientific issues: a case for nuclear power plant construction
- 2011 YILMAZ TÜZÜN Ö., Postgraduate, B.ÇAKIR(Student), Pre-service science teachers' metacognition in a science laboratory course with metacognitively oriented learning environment
- 2010 YILMAZ TÜZÜN Ö., Doctorate, S.Özgelen(Student), Exploring the development of pre-service science teachers' views on nature of science in inquiry-based laboratory instruction
- 2010 YILMAZ TÜZÜN Ö., TEKSÖZ G., Postgraduate, B.TUNCAY(Student), Moral reasoning of pre-service science teachers toward local and non-local environmental problems
- 2010 TEKSÖZ G., YILMAZ TÜZÜN Ö., Postgraduate, E.ADIBELLİ(Student), Investigating pre-service science teachers' epistemological beliefs in the domain of environment through comparing with other domains

2010	YILMAZ TÜZÜN Ö., Doctorate, E.HACIEMİNOĞLU(Student), Student and school characteristics related to elementary students' nature of science views
2010	YILMAZ TÜZÜN Ö., Postgraduate, E.ÖZGE(Student), The comparison of PISA and TIMSS for framework and achievement
2009	YILMAZ TÜZÜN Ö., Postgraduate, G.ÖZTÜRK(Student), Investigating pre-service teacher's environmental literacy through their epistemological beliefs
2008	YILMAZ TÜZÜN Ö., Doctorate, M.SAMI(Student), Preservice science teachers' informal reasoning regarding socioscientific issues and the factors influencing their informal reasoning
2007	YILMAZ TÜZÜN Ö., Postgraduate, M.AYDEMİR(Student), The investigation of teachers with respect to knowledge level on environmental concepts
2007	YILMAZ TÜZÜN Ö., Postgraduate, M.SÜNGER(Student), An analysis of efficacy beliefs, epistemological beliefs and attitudes towards science in preservice elementary science teachers and secondary science teachers
2007	YILMAZ TÜZÜN Ö., Postgraduate, M.Aydemir(Student), The Investigation of teachers with respect to knowledge level on environmental concepts

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

- I. **Science Education in Different Contexts: Regional and Local Differences in The Main Research Trends**  
DELEN İ., YILMAZ TÜZÜN Ö.  
Egitim ve Bilim, vol.49, no.218, pp.185-204, 2024 (SSCI)
- II. **Epistemological beliefs and values as predictors of preservice science teachers' environmental moral reasoning**  
Tuncay-Yüksel B., Yilmaz Tüzün Ö., Zeidler D. L.  
Journal of Research in Science Teaching, vol.60, no.9, pp.2111-2144, 2023 (SSCI)
- III. **Development of Argumentation Based Concept Cartoons for Socioscientific Issues: A Case of Science and Art Centers**  
ATASOY Ş., Tekbıyık A., Çalık M., YILMAZ TÜZÜN Ö.  
Egitim ve Bilim, vol.47, no.211, pp.323-367, 2022 (SSCI)
- IV. **Relationships Between Teacher Discursive Moves and Middle School Students' Cognitive Contributions to Science Concepts**  
Soysal Y., Yilmaz Tüzün Ö.  
Research in Science Education, vol.51, pp.325-367, 2021 (SSCI)
- V. **Investigating pre-service science teachers' perceived technological pedagogical content knowledge (TPACK) regarding genetics**  
IRMAK M., YILMAZ TÜZÜN Ö.  
RESEARCH IN SCIENCE & TECHNOLOGICAL EDUCATION, vol.37, no.2, pp.127-146, 2019 (SSCI)
- VI. **Preservice Science Teachers' Epistemological Beliefs and Informal Reasoning Regarding Socioscientific Issues**  
Ozturk N., YILMAZ TÜZÜN Ö.  
RESEARCH IN SCIENCE EDUCATION, vol.47, no.6, pp.1275-1304, 2017 (SSCI)
- VII. **Effects of Gender and Grade Level on Environmental Moral Reasoning Patterns**  
Tuncay Yuksel B., YILMAZ TÜZÜN Ö., TEKSÖZ G.  
HACETTEPE UNIVERSITESI EGITIM FAKULTESI DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.30, no.2, pp.137-150, 2015 (SSCI)
- VIII. **An evaluation of the environmental literacy of preservice teachers in Turkey through Rasch analysis**  
TEKSÖZ G., Boone J. W., YILMAZ TÜZÜN Ö., ÖZTEKİN C.  
ENVIRONMENTAL EDUCATION RESEARCH, vol.20, no.2, pp.202-227, 2014 (SSCI)
- IX. **Exploring the Development of Preservice Science Teachers' Views on the Nature of Science in Inquiry-Based Laboratory Instruction**

Ozgele S., Yilmaz-Tuzun O., Hanuscin D. L.

RESEARCH IN SCIENCE EDUCATION, vol.43, no.4, pp.1551-1570, 2013 (SSCI)

- X. **A review on pre-service teachers' views on nature of science**  
ÖZGELEN S., YILMAZ TÜZÜN Ö.  
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART B-SOCIAL AND EDUCATIONAL STUDIES, vol.4, no.2, pp.603-616, 2012 (SCI-Expanded)
- XI. **Preservice Science Teachers' Beliefs about Application of Science Process Skills: A Case Study**  
YILMAZ TÜZÜN Ö., ÖZGELEN S.  
EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.37, no.164, pp.126-136, 2012 (SSCI)
- XII. **Moral reasoning patterns and influential factors in the context of environmental problems**  
Tuncay B., YILMAZ TÜZÜN Ö., Teksoz G. T.  
ENVIRONMENTAL EDUCATION RESEARCH, vol.18, no.4, pp.485-505, 2012 (SSCI)
- XIII. **Preservice Science Teachers Beliefs about Application of Science Process Skills A Case Study**  
YILMAZ TÜZÜN Ö., ÖZGELEN S.  
Eğitim ve Bilim, 2012 (SSCI)
- XIV. **Preservice Science Teachers' Informal Reasoning about Socioscientific Issues: The influence of issue context**  
TOPÇU M. S., Sadler T. D., YILMAZ TÜZÜN Ö.  
INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.32, no.18, pp.2475-2495, 2010 (SSCI)
- XV. **Investigating elementary students learning approaches motivational goals and achievement in science**  
HACIEMİNOĞLU E., YILMAZ TÜZÜN Ö., ERTEPINAR H.  
Hacettepe University Journal of Education, vol.37, pp.72-83, 2009 (SSCI)
- XVI. **Relationships among preservice science teachers' epistemological beliefs, epistemological world views, and self-efficacy beliefs**  
Yilmaz-Tuzun O., Topcu M. S.  
INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.30, no.1, pp.65-85, 2008 (SSCI)
- XVII. **AN INVESTIGATION ON THE ELEMENTARY TEACHERS' KNOWLEDGE ABOUT AIR POLLUTION ISSUES**  
YILMAZ TÜZÜN Ö., TEKSÖZ G., Aydemir M.  
HACETTEPE UNIVERSITESI EGITIM FAKULTESI DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, no.35, pp.374-385, 2008 (SSCI)
- XVIII. **Demographic and methodological problems in recent environmental attitude studies: Comment on Yilmaz, Boone, and Andersen (2004) and other studies - Reply to Taskin's commentary**  
Yilmaz-Tuzun O., Boone W. J.  
INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.28, no.12, pp.1493-1494, 2006 (SSCI)
- XIX. **A study of science teaching self-efficacy and outcome expectancy beliefs of teachers in India**  
Shireen Desouza J., Boone J W., YILMAZ TÜZÜN Ö.  
SCIENCE EDUCATION, vol.88, no.6, pp.837-854, 2004 (SSCI)
- XX. **Views of elementary and middle school Turkish students toward environmental issues**  
Yılmaz Ö., Anderson H. O., Boone W. J.  
INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.26, pp.1527-1546, 2004 (SSCI)

## Articles Published in Other Journals

- I. **ENGINEERING DESIGN-BASED ACTIVITY FOR MIDDLE SCHOOL STUDENTS: THERMAL INSULATION**  
Guler Nalbantoglu F., Cakiroglu J., YILMAZ TÜZÜN Ö.  
Araştırma Temelli Etkinlik Dergisi, vol.13, no.1, pp.29-53, 2023 (Peer-Reviewed Journal)
- II. **Knowledge and Risk-Benefit Perception as Predictors of Preservice Science Teachers' Self-Efficacy Beliefs for Socioscientific Issues-Based Instruction**  
Ozturk N., YILMAZ TÜZÜN Ö.

Canadian Journal of Science, Mathematics and Technology Education, vol.22, no.4, pp.915-930, 2022 (ESCI)

- III. **Turkish Adaptation of Basic Psychological Needs For Energy Conservation: Reliability and Validity Study**  
ÇAKIR YILDIRIM B., YILMAZ TÜZÜN Ö.  
Türk Psikolojik Danışma ve Rehberlik Dergisi, vol.12, no.66, pp.405-417, 2022 (Scopus)
- IV. **Öğretmen Adaylarının STEM (FTMM) Konularının Öğretimine Yönelik İnanç ve Görüşlerinin İncelenmesi**  
Öztürk N., Yılmaz Tüzün Ö., Çakır Yıldırım B.  
Trakya Eğitim Dergisi, vol.9, no.4, pp.649-665, 2019 (Peer-Reviewed Journal)
- V. **Pre-service teachers' reflective judgment skills in the context of socio-scientific issues based inquiry laboratory course**  
KORUCU D. K., YILMAZ TÜZÜN Ö., Zeidler D. L.  
TURKISH JOURNAL OF EDUCATION, vol.7, no.2, pp.99-116, 2018 (ESCI)
- VI. **Quality of preservice teachers argumentation in socioscientific issues context**  
KARIŞAN KORUCU D., YILMAZ TÜZÜN Ö., Zeidler D. L.  
Journal of Human Sciences, vol.14, pp.3504, 2017 (Peer-Reviewed Journal)
- VII. **Dünya Vatandaşlığı İçin Karakter ve Değerler Ölçeğinin Türkçe'ye Uyarlanması**  
KARIŞAN D., YILMAZ TÜZÜN Ö.  
Pamukkale Üniversitesi Eğitim Fakültesi Dergisi, vol.42, no.2, pp.74-85, 2017 (ESCI)
- VIII. **Adaptation of Character and Values as Global Citizens Assessment Questionnaire Into Turkish: Validity and Reliability Study**  
KARIŞAN KORUCU D., YILMAZ TÜZÜN Ö.  
Pamukkale Eğitim Fakültesi Dergisi, vol.42, pp.74-85, 2017 (Peer-Reviewed Journal)
- IX. **Students and school characteristics related to elementary school students' views of the nature of science**  
HACIEMİNOĞLU E., Ertepinar H., YILMAZ TÜZÜN Ö., ÇAKIR H.  
EDUCATION 3-13, vol.43, no.6, pp.698-719, 2015 (ESCI)
- X. **Development and validation of nature of science instrument for elementary school students**  
HACIEMİNOĞLU E., YILMAZ TÜZÜN Ö., ERTEPINAR H.  
EDUCATION 3-13, vol.42, pp.258-283, 2014 (Scopus)
- XI. **Preservice Elementary Science Teachers Connections among Aspects of NOS Toward a Consistent Overarching Framework**  
Özgelen S., Hanuscin D. L., Yılmaz Tüzün Ö.  
JOURNAL OF SCIENCE TEACHER EDUCATION, vol.24, pp.907-927, 2013 (Scopus)
- XII. **Fen derslerinde sosyobilimsel konuların işlenişine yönelik kuramsal ve uygulamalı yaklaşımlar**  
YILMAZ TÜZÜN Ö.  
Cito Eğitim: Kuram ve Uygulama, 2013 (Peer-Reviewed Journal)
- XIII. **Exploration of Preservice Science Teachers Epistemological Beliefs World Views and Self Efficacy Considering Gender and Achievement**  
YILMAZ TÜZÜN Ö., TOPÇU M. S.  
Exploration of Preservice Science Teachers' Epistemological Beliefs, World Views, and Self-Efficacy Considering Gender and Achievement, 2013 (Peer-Reviewed Journal)
- XIV. **Exploring Environmental Literacy through Demographic Variables**  
Öztürk G., Yılmaz Tüzün Ö., Teksöz G.  
Elementary Education Online, vol.12, no.4, pp.926-937, 2013 (Scopus)
- XV. **PRE-SERVICE SCIENCE TEACHERS PERCEPTIONS AND PRACTICES RELATED TO HISTORY OF SCIENCE INSTRUCTIONS**  
HACIEMİNOĞLU E., ERTEPINAR H., YILMAZ TÜZÜN Ö.  
International Journal on New Trends in Education and Their Implications, vol.3, 2012 (Peer-Reviewed Journal)
- XVI. **Turkish Preservice Science Teachers Informal Reasoning Regarding Socioscientific Issues and the Factors Influencing Their Informal Reasoning**

- Topçu M. S., Yılmaz Tüzün Ö., Sadler T. D.  
JOURNAL OF SCIENCE TEACHER EDUCATION, vol.22, pp.313-332, 2011 (Scopus)
- XVII. **The Relationship between Environmental Moral Reasoning and Environmental Attitudes of Pre-Service Science Teachers**  
TUNCAY YÜKSEL B., YILMAZ TÜZÜN Ö., TEKSÖZ G.  
International Electronic Journal of Environmental Education, vol.1, pp.167-178, 2011 (Scopus)
- XVIII. **BİLİMSEL BILGININ TEORİYE BAĞLI ÖZNEL YAPISI: “EVRİM TEORİLERİ” ETKİNLİĞİ VE SONUÇLARI/THE STRUCTURE OF SUBJECTIVITY WITH THEORY-LADEN OF SCIENTIFIC KNOWLEDGE: THE “EVOLUTION THEORIES” ACTIVITY AND ITS RESULTS**  
ÖZGELEN S., YILMAZ TÜZÜN Ö.  
MUSTAFA KEMAL ÜNİVERSİTESİ SOSYAL BİLİMLER ENSTİTÜSÜ DERGİSİ, vol.8, pp.535-550, 2011 (Peer-Reviewed Journal)
- XIX. **Investigating the Relationships Among Elementary School Students Epistemological Beliefs Metacognition and Constructivist Science Learning Environment**  
Yılmaz Tüzün Ö., Topçu M. S.  
JOURNAL OF SCIENCE TEACHER EDUCATION, vol.21, pp.255-273, 2010 (Scopus)
- XX. **Elementary Students’ Metacognition and Epistemological Beliefs Considering Science Achievement, Gender and Socioeconomic Status**  
Topçu M. S., Yılmaz Tüzün Ö.  
e-İlköğretim Online (elektronik), vol.8, no.3, pp.676-693, 2009 (Peer-Reviewed Journal)
- XXI. **Preservice elementary teachers beliefs about science teaching**  
Yılmaz Tüzün Ö.  
JOURNAL OF SCIENCE TEACHER EDUCATION, vol.19, pp.183-204, 2008 (Scopus)
- XXII. **Middle and High School Students with Learning Disabilities: Practical Academic Interventions for General Education Teachers - A Review of the Literature**  
Anderson S., Yılmaz Tüzün Ö., Wasburn-Moses L.  
American Secondary Education, vol.32, no.2, pp.19-38, 2004 (Peer-Reviewed Journal)
- XXIII. **BİVOLOJİ ÖĞRETİM ADAVLARININGENEL BİVOLOJİ KONULARINDAKI KAVRAM VANILGILARI**  
ÖZTEKİN C., ÇAPA AYDIN Y., YILMAZ TÜZÜN Ö.  
Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, 2000 (Scopus)

## **Books & Book Chapters**

- I. **A Moral Inquiry into Epistemic Insight through Socioscientific Issues: A Turkish Perspective**  
Yılmaz Tüzün Ö., Topçu M. S.  
in: A Moral Inquiry into Epistemic Insights in Science Education, Dana L. Zeidler, Editor, Springer, London/Berlin , Florida, pp.355-385, 2024
- II. **Disiplinlerarası bakış açısıyla yerel, ulusal ve küresel olaylar**  
YILMAZ TÜZÜN Ö.  
in: Disiplinlerarası Fen Öğretimi, Hakan Şevki Ayyavcı, Mustafa Ergun, Editor, Pegem Akademi, pp.50-60, 2022

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

- I. **Effectiveness of Online Science Laboratory Course on Pre-Service Science Teachers’ Efficacy Beliefs and Epistemological Beliefs**  
Yılmaz Tüzün Ö., Uygun C. B., Başer Kanbak C., Aykut C.  
National Association for Research in Science Teaching (NARST) Annual International Conference [All-Virtual Day], Colorado, United States Of America, 08 March 2024, pp.18-19
- II. **Issue Familiarity as a Predictor of Turkish Middle School Students’ Informal Reasoning Regarding**

## **Socioscientific Issues**

Uygun C. B., Yılmaz Tüzün Ö.

The 15th Conference of the European Science Education Research Association (ESERA), Nevşehir, Turkey, 28 August - 01 September 2023, pp.301-302

- III. **Investigating the Use of Lesson Study with Preservice Science Teachers**  
GÜLER NALBANTOĞLU F., ÇAKIROĞLU J., YILMAZ TÜZÜN Ö.  
Kongre, Turkey, 8 - 11 June 2023
- IV. **Examining Middle School Students' Quality of Written Arguments and Informal Reasoning across Multiple SSI Contexts: A Turkish Sample**  
Uygun C. B., Yılmaz Tüzün Ö.  
European Conference on Educational Research (ECER), Yerevan, Armenia, 1 - 09 September 2022
- V. **Middle School Students' Quality of Argument Regarding Nuclear Power Plants and Epistemological Beliefs**  
Uygun C. B., Yılmaz Tüzün Ö.  
European Conference on Educational Research (ECER), Yerevan, Armenia, 1 - 09 September 2022
- VI. **Development of Pre-Service Science Teachers' PCK for STEM in the context of Lesson Study**  
Güler Nalbantoğlu F., Çakıroğlu J., Yılmaz Tüzün Ö.  
ECER2022-The European Conference on Educational Research, 22 - 23 August 2022, pp.1
- VII. **Investigating the Relationship between Pre-service Science Teachers' Self-Efficacy for Argumentation and Critical Thinking Skills**  
Kılaç E., YILMAZ TÜZÜN Ö.  
European Conference on Educational Research (ECER), Armenia, 01 September 2022
- VIII. **Science Teachers' Challenges in Designing and Implementing SSI-Based Lessons**  
Gürbüz E., Savrun N., YILMAZ TÜZÜN Ö.  
European Conference on Educational Research (ECER), 01 September 2022
- IX. **Pre-service science Teachers' Environmental Moral Reasoning and Attitudes Toward Environmental Education**  
Mercan B., YILMAZ TÜZÜN Ö.  
European Conference on Educational Research (ECER), Armenia, 01 September 2022
- X. **Investigating Relationship(s) Between Epistemological Beliefs, Argument Quality and Informal Reasoning in the Context of SSI**  
Uygun C. B., Yılmaz Tüzün Ö.  
National Association for Research in Science Teaching (NARST) Annual International Conference, Vancouver, Canada, 27 - 30 March 2022, pp.282
- XI. **Investigating Relationship(s) Between Epistemological Beliefs, Argument Quality and Informal Reasoning in the Context of SSI (Virtual)**  
UYGUN C. B., YILMAZ TÜZÜN Ö.  
NARST, United States Of America, 27 March 2022
- XII. **The Impact of Experiences on Preservice Science Teachers' Self-Efficacy in Teaching Science Concepts in the Context of Socioscientific Issues**  
Bostancı B., Yılmaz Tüzün Ö.  
European Conference on Educational Research (ECER), Yerevan, Armenia, 1 - 09 September 2022
- XIII. **Sekizinci Sınıf Öğrencilerinin Bilimin Doğası Anlayışlarının İncelenmesi**  
Irmak N. F. N., YILMAZ TÜZÜN Ö., ÇAKIROĞLU J.  
3rd International Conference on Science, Mathematics, Entrepreneurship and Technology Education, Turkey, 30 September 2021
- XIV. **Empirical Studies on the Environmental Problems in the Context of Socioscientific Issues: A Systematic Review**  
Uygun C. B., Yılmaz Tüzün Ö.  
European Conference on Educational Research (ECER), 6 - 10 September 2021
- XV. **Eight Grade Students' Nature of Science Understanding and Their Informal Reasoning on**



## Socioscientific Issues

Irmak N. F. N., Yılmaz Tüzün Ö., Çakıroğlu J.

European Educational Research Association (ECER), Geneva, Switzerland, 2 - 06 September 2021, pp.1-3

- XVI. **Sekizinci Sınıf Öğrencilerinin Üç Farklı Sosyobilimsel Konu Hakkındaki İnfomal Muhakemelerinin İncelenmesi**  
Irmak N. F. N., Yılmaz Tüzün Ö., Çakıroğlu J.  
14. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Burdur, Turkey, 19 - 21 May 2021, pp.185
- XVII. **Middle School Students' Informal Reasoning and Argument Quality for Different SSI**  
Uygun C. B., Yılmaz Tüzün Ö.  
National Association for Research in Science Teaching (NARST) Annual International Conference, 7 - 10 April 2021
- XVIII. **Pre-service Science Teachers' Socioscientific Issues Teaching Practices: The Influence of Knowledge on the Selected Issue**  
IRMAK M., YILMAZ TÜZÜN Ö., YÜRÜK N.  
European Conference on Educational Research, Hamburg, Germany, 2 - 06 September 2019
- XIX. **Pre-service Science Teachers' Socioscientific Issues Teaching Practices: The Influence of the Characteristics of the Selected Issue Context**  
IRMAK M., YILMAZ TÜZÜN Ö., YÜRÜK N.  
European Conference on Educational Research, 2 - 06 September 2019
- XX. **A model testing on SSI teaching self-efficacy beliefs and related factors**  
ÖZTÜRK N., YILMAZ TÜZÜN Ö.  
ECER European Conference on Educational Research, 1 - 03 September 2019
- XXI. **Öğretmenlerin Sosyobilimsel Konulardaki Kavram Karikatürleri İle Argümantasyon Temelli Yürüttükleri Diyalojik Tartışmaların Değerlendirilmesi**  
Atasoy Ş., Tekbiyık A., Atasoy E., Çalık M., Yılmaz Tüzün Ö., Camcı Erdoğan S.  
II. Uluslararası Öğretmen Eğitimi ve Akreditasyon Kongresi, Rize, Turkey, 27 - 29 October 2018
- XXII. **Öğretmenlerin Sosyobilimsel Konulardaki Kavram Karikatürleri ile Argümantasyon Temelli Yürüttükleri Diyalojik Tartışmaların Değerlendirilmesi**  
ATASOY Ş., TEKBIYIK A., ATASOY E., ÇALIK M., YILMAZ TÜZÜN Ö., CAMCI ERDOĞAN S.  
II. Uluslararası Öğretmen Eğitimi ve Akreditasyon Kongresi, Rize, Turkey, 27 - 29 October 2018, pp.126
- XXIII. **Pre-service science teachers' overarching conceptions of technology integration and their technology integration plans into socioscientific issues teaching**  
IRMAK M., YILMAZ TÜZÜN Ö., YÜRÜK N.  
27th International Conference on Educational Sciences, 18 - 22 April 2018
- XXIV. **Who Decide What To Buy in Toystores?**  
COŞKUN TUNCAY T., ALAN H. A., YILMAZ TÜZÜN Ö., KARACI G., NAMLI Ş., YILMAZ A.  
5. Uluslararası Okul Öncesi Eğitim Kongresi, 18 - 21 October 2017, pp.347-348
- XXV. **Pre-Service Science Teachers' Conceptions of STEM Education**  
GÜLER F., ÇAKIROĞLU J., YILMAZ TÜZÜN Ö.  
European Educational Research Association (ECER), Copenhagen, Denmark, 22 - 25 August 2017
- XXVI. **Investigation of pre-service science teachers' perceptions of integrated STEM education**  
ÇAKIROĞLU J., YILMAZ TÜZÜN Ö., ÇETİNKAYA AYDIN G.  
ERPA International Congresses on Education 2017, Budapest, Hungary, 18 - 21 May 2017, pp.125
- XXVII. **Preservice science teachers SSI teaching self-efficacy beliefs**  
YILMAZ TÜZÜN Ö., ÖZTÜRK N., ÇAKIROĞLU J.  
ERPA International Congress on Education, Budapest, Hungary, 18 - 21 May 2017, pp.127
- XXVIII. **Investigation of interaction PCK components of pre-service science teachers in STEM lesson plans**  
ÇAYLAK B., ÇAKIROĞLU J., YILMAZ TÜZÜN Ö.  
International Conference on Education in Mathematics, Science Technology (ICEMST), İzmir, Turkey, 18 - 21 May 2017, pp.128
- XXIX. **Enhancing preservice science teachers' SSI teaching self-efficacy beliefs and character and values for global citizenship**

YILMAZ TÜZÜN Ö., ÖZTÜRK N., ÇAKIROĞLU J.

ERPA International Congress on Education, Budapest, Hungary, 18 - 21 May 2017, pp.126

- XXX. **Promoting character and values for global citizens: asocio-scientific issues framework.**  
YILMAZ TÜZÜN Ö., KARIŞAN D.  
NARST (NAtional Association Research in Science Teaching), San-Antonio, United States Of America, 22 - 25 April 2017
- XXXI. **How books are selected for young children?: Driving forces for children and parents**  
CENGİZOĞLU S., KAPLAN G., SOLMAZ G., önal m., ALAN H. A., YILMAZ TÜZÜN Ö.  
26. Uluslararası Eğitim Bilimleri Kongresi, 20 - 23 April 2017
- XXXII. **Öğretmen Adaylarının Fen Teknoloji Mühendislik Matematik FeTeMM Eğitimine Yönelik Niyetlerinin İncelenmesi**  
ÖZTEKİN C., YILMAZ TÜZÜN Ö.  
XII. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Turkey, 28 - 30 September 2016
- XXXIII. **Pre service science teachers epistemological beliefs knowledge level and trustworthiness on information sources regarding socio-scientific issues**  
Saylan A., Yılmaz Tüzün Ö.  
The National Association for Research in Science Teaching (NARST), Maryland, United States Of America, 14 - 17 April 2016
- XXXIV. **Examining nature of science understandings and reflective judgment skills of preservice teachers revealed in socio-scientific issues based inquiry laboratory course**  
KARIŞAN D., YILMAZ TÜZÜN Ö.  
European Conference on Educational Research (ECER), Budapest, Hungary, 7 - 11 September 2015
- XXXV. **STEM Integration into a Laboratory Course A Case Study**  
YILMAZ TÜZÜN Ö., ÇAKIR B., ÖZEL N.  
ISER, 10 - 12 June 2015
- XXXVI. **Modelling the relationships among pre service science teachers cultural environmental bias nature relatedness and energy related behaviors**  
YILMAZ TÜZÜN Ö., ÇAKIR B.  
The National Association for Research in Science Teaching (NARST), Chicago, United States Of America, 11 - 14 April 2015
- XXXVII. **Reflective judgment and argumentation skills of preservice teachers in a socio-scientific issues based laboratory inquiry course**  
YILMAZ TÜZÜN Ö., KARIŞAN D.  
The National Association for Research in Science Teaching (NARST), Chicago, 11 - 14 April 2015
- XXXVIII. **An adaptation study of the epistemic belief inventory with Turkish pre service science teachers**  
TUNCAY B., YILMAZ TÜZÜN Ö.  
The National Association for Research in Science Teaching (NARST), Chicago, United States Of America, 11 - 14 April 2015
- XXXIX. **Anxiety and education.**  
Karişan D., Yılmaz Tüzün Ö.  
European Conference on Educational Research (ECER), İstanbul, Turkey, 9 - 13 September 2013
- XL. **The interaction between nature of science understanding and religious beliefs**  
Çetinkaya G., Yılmaz Tüzün Ö., Çakıroğlu J.  
European Conference on Educational Research (ECER), İstanbul, Turkey, 9 - 13 September 2013
- XLI. **An exploration of pre-service science teachers' argumentation skills and their reflective judgment stages through socio-scientific issues.**  
Karişan D., Yılmaz Tüzün Ö.  
The European Conference on Educational Research (ECER), İstanbul, Turkey, 9 - 13 September 2013
- XLII. **Pre-service science teachers informal reasoning in the context of nuclear power**  
Yılmaz Tüzün Ö., Öztürk N.  
The National Association for Research in Science Teaching (NARST), Hawaii, United States Of America, 6 - 09 April

2013, pp.243

- XLIII. **Development of Pre-service Science Teachers' Metacognition in an Inquiry Based Laboratory Course**  
Çakır B., Ertepinar H., Yılmaz Tüzün Ö.  
The National Association for Research in Science Teaching (NARST), Indiana, United States Of America, 25 - 28 March 2012, pp.171-172
- XLIV. **Investigating Pre-service Science Teachers' Content Knowledge And Perceived TPACK Regarding Genetics**  
Savaş M., Yılmaz Tüzün Ö.  
The National Association for Research in Science Teaching (NARST), Indiana, United States Of America, 25 - 28 March 2012, pp.234
- XLV. **How Do Pre-Service Science Teachers Perceive Local and Non-Local Environmental Problems?**  
Tuncay B., Yılmaz Tüzün Ö.  
The National Association for Research in Science Teaching (NARST), Florida, United States Of America, 3 - 06 April 2011, pp.98-99
- XLVI. **A Study on a Metacognitively Oriented Learning Environment in a Science Laboratory Course**  
Çakır B., Ertepinar H., Yılmaz Tüzün Ö.  
The National Association for Research in Science Teaching (NARST), Florida, United States Of America, 3 - 06 April 2011, pp.188
- XLVII. **Investigating prospective science teachers' awareness of information technology in STSE context**  
YILMAZ TÜZÜN Ö., Adibelli E.  
2010 International Conference on Education and Management Technology, ICEMT 2010, Cairo, Egypt, 2 - 04 November 2010, pp.256-259
- XLVIII. **Use of metacognitive prompts for young experiment in a science laboratory course..**  
Çakır B., Ertepinar H., Yılmaz Tüzün Ö.  
The European Conference on Educational Research (ECER), Berlin, Germany, 12 - 16 September 2010
- XLIX. **Usage of metacognitive prompts in a science laboratory course**  
Çakır B., Ertepinar H., Yılmaz Tüzün Ö.  
XIV IOSTE, Celje, Slovenia, 13 - 18 June 2010, pp.211-213
- L. **Moral reasoning patterns of pre-service science teachers toward local and non-local environmental problems**  
Tuncay B., Yılmaz Tüzün Ö., Teksöz G.  
XIV IOSTE, Celje, Slovenia, 13 - 18 June 2010, pp.1161-1167
- LI. **Effect of Student Level Variables on Elementary Students' Nature of Science Views**  
Hacıeminoğlu E., Ertepinar H., Yılmaz Tüzün Ö.  
The National Association for Research in Science Teaching (NARST), Pennsylvania, United States Of America, 21 - 24 March 2010, pp.142
- LII. **Investigation of Pre-Service Science Teacher's Beliefs Regarding the (ature of Environmental Knowledge**  
Adibelli E., Yılmaz Tüzün Ö.  
The National Association for Research in Science Teaching (NARST), Pennsylvania, United States Of America, 21 - 24 March 2010, pp.47
- LIII. **University students' moral reasoning patterns about environmental moral dilemmas**  
Tuncay B., Yılmaz Tüzün Ö., Teksöz Tuncer G.  
European Science Education Research Association (ESERA) , İstanbul, Turkey, 31 August - 04 September 2009, pp.2111-211
- LIV. **The impact of inquiry-based laboratory instruction and explicit reflective teaching on preservice science teachers' nature of science views**  
Özgelen S., Hanuscin D. L., Yılmaz Tüzün Ö.  
European Science Education Research Association (ESERA), İstanbul, Turkey, 31 August - 04 September 2009, pp.470
- LV. **Relationships among preservice teachers' environmental attitudes and beliefs and nature**

## **relatedness**

Çakır B., Karaarslan G., Yılmaz Tüzün Ö., Ertepinar H., Alp Şahin E.

European Science Education Research Association (ESERA), İstanbul, Turkey, 31 August - 04 September 2009, pp.465

- LVI. **Preservice science teachers (PSTs) informal reasoning characteristics regarding socioscientific issues: The relationship between informal reasoning patterns and quality**  
Topçu M. S., Yılmaz Tüzün Ö., Sadler T. D.  
European Science Education Research Association (ESERA) , İstanbul, Turkey, 31 August - 04 September 2009, pp.122
- LVII. **Preservice science teachers informal reasoning regarding socioscientific issues and the factors influencing their informal reasoning**  
TOPÇU M. S., YILMAZ TÜZÜN Ö., Sadler T.  
The National Association for Research in Science Teaching (NARST), 17 - 21 April 2009
- LVIII. **The Effect of Demographic Variables on Preservice Teachers' Environmental Literacy**  
Yılmaz Tüzün Ö., Öztürk G., Teksöz-Tuncer G.  
The National Association for Research in Science Teaching (NARST), California, United States Of America, 17 - 21 April 2009, pp.197
- LIX. **An Investigation of Gender Effect on University Students' Environmental Reasoning Patterns toward Environmental Moral Dilemmas**  
Tuncay B., Yılmaz Tüzün Ö., Cihangir G. C.  
The National Association for Research in Science Teaching (NARST), California, United States Of America, 17 - 21 April 2009, pp.303
- LX. **Investigating Preservice Teachers' Environmental Literacy through their Epistemological Belief**  
Teksöz Tuncer G., Yılmaz Tüzün Ö., Öztürk G.  
The National Association for Research in Science Teaching (NARST), California, United States Of America, 17 - 21 April 2009, pp.228
- LXI. **Preservice Science Teachers' Informal Reasoning Regarding Socioscientific Issues and the Factors Influencing Their Informal Reasoning**  
Topçu M. S., Yılmaz Tüzün Ö., Sadler T. D.  
The National Association for Research in Science Teaching (NARST), California, United States Of America, 17 - 21 April 2009, pp.281
- LXII. **Investigating Elementary Students' Nature of Science Views**  
Hacıeminoğlu E., Yılmaz Tüzün Ö., Ertepinar H.  
The National Association for Research in Science Teaching (NARST), California, United States Of America, 17 - 21 April 2009, pp.221
- LXIII. **The relationships between preservice science teachers' environmental attitude and behavior and epistemological beliefs.**  
Öztürk G., Adıbelli E., Teksöz Tuncer G., Yılmaz Tüzün Ö., Cihangir G. C.  
XIII. IOSTE Symposium, İzmir, Turkey, 21 - 26 September 2009, pp.161-170
- LXIV. **Effect of inquiry instruction and gender on students' science process skills, epistemological beliefs, and learning approaches in Turkish context.**  
Özgelen S., Hacıeminoğlu E., Yılmaz Tüzün Ö.  
XIII IOSTE Symposium, İzmir, Turkey, 21 - 26 September 2008, pp.1266-1273
- LXV. **Pre-service teachers' perceptions and motivations toward a science laboratory course.**  
Hacıeminoğlu E., Özgelen S., Yılmaz Tüzün Ö.  
XIII IOSTE Symposium, İzmir, Turkey, 21 - 26 September 2008, pp.494-501
- LXVI. **Pre-service teachers' understanding about global warming and ozone layer depletion.**  
Cihangir G. C., Tuncay B., Teksöz Tuncer G., Yılmaz Tüzün Ö., Adıbelli E.  
XIII IOSTE Symposium, İzmir, Turkey, 21 - 26 September 2008, pp.1218-1227
- LXVII. **Investigation of Pre-service Teachers' Reasoning Abilities and Learning Approaches in Inquiry Based Learning Environment**

Özgelen S., Hacıeminoğlu E., Yılmaz Tüzün Ö.

The National Association for Research in Science Teaching (NARST), Maryland, United States Of America, 30 March - 02 April 2008, pp.211-212

- LXVIII. **Constructivist and Traditional Approaches to Teaching and Learning: Validation of Teacher Beliefs Survey**  
Yalvaç B., Türker N., Yılmaz Tüzün Ö.  
The National Association for Research in Science Teaching (NARST), Maryland, United States Of America, 30 March - 02 April 2008, pp.262
- LXIX. **Validation of Mentoring for Effective Primary Science Teaching Instrument for a Turkish Sample**  
Yılmaz Tüzün Ö., Türker N.  
The National Association for Research in Science Teaching (NARST), Maryland, United States Of America, 30 March - 02 April 2008, pp.265
- LXX. **Mentoring Preservice Teachers: Preservice Teachers' Perceptions of Their Mentoring Practices and Self-Efficacy Beliefs in Turkish Context.**  
Türker N., Yılmaz Tüzün Ö.  
The American Educational Research Association (AERA), New York, United States Of America, 24 - 28 March 2008
- LXXI. **Preservice Teachers' Beliefs Related to Constructivist and Traditional Approaches to Teaching and Learning and Self-Efficacy.**  
Yılmaz Tüzün Ö., Türker N.  
The American Educational Research Association (AERA), New York, United States Of America, 24 - 28 March 2008
- LXXII. **Investigating pre-service teachers' learning approach and beliefs in inquiry learning environment.**  
Hacıeminoğlu E., Özgelen S., Yılmaz Tüzün Ö.  
ESERA, Malmö, Sweden, 21 - 25 August 2007
- LXXIII. **Metacognitive skills and students' achievement in science lessons.**  
Topçu M. S., Yılmaz Tüzün Ö.  
ESERA, Malmö, Sweden, 21 - 25 August 2007, pp.196
- LXXIV. **Investigation the effect of inquiry method on developing prospective teachers' science process skills through word association test.**  
Özgelen S., Hacıeminoğlu E., Yılmaz Tüzün Ö.  
ESERA, Malmö, Sweden, 21 - 25 August 2007
- LXXV. **Preservice science teachers beliefs about implementation of different teaching methods.**  
Yılmaz Tüzün Ö.  
ESERA, Malmö, Sweden, 21 - 25 August 2007
- LXXVI. **Validation of Junior Metacognitive Awareness Inventory (Jr. MAI) and Investigation of the Effect of Achievement on Metacognitive Skills of Elementary School Students**  
Yılmaz Tüzün Ö., Topçu M. S.  
The National Association for Research in Science Teaching (NARST), California, United States Of America, 15 - 18 April 2007, pp.356
- LXXVII. **Exploring Relationships among Students Learning Approach, Motivational Goals, and Achievement**  
Yılmaz Tüzün Ö., Hacıeminoğlu E., Ertepinar H.  
The National Association for Research in Science Teaching (NARST) 9999, California, United States Of America, 15 - 18 April 2007, pp.227
- LXXVIII. **A Cross-Cultural Study of Preservice Elementary Teachers' Epistemological Beliefs and Gender Effect**  
Yılmaz Tüzün Ö., Topçu M. S., Hanuscin D. L.  
The American Educational Research Association (AERA), Illinois, United States Of America, 9 - 13 April 2007, pp.1
- LXXIX. **Preservice Science Teachers' Perceptions About Science Process Skills and Their Practices**  
Özgelen S., Yılmaz Tüzün Ö.  
The American Educational Research Association (AERA), Illinois, United States Of America, 9 - 13 April 2007, pp.1
- LXXX. **Relating Elementary School Students' Socioeconomic Status (SES) and Gender to Their Epistemological Beliefs and Metacognitive Skills: An International Perspective**  
Yılmaz Tüzün Ö., Topçu M. S.

- LXXXI. The American Educational Research Association (AERA), Illinois, United States Of America, 9 - 13 April 2007, pp.1  
**Relationships Among Elementary School Students' Epistemological Beliefs, Metacognitive Skills, and Constructivist Learning Environment Perceptions**  
Topçu M. S., Yılmaz Tüzün Ö.  
The American Educational Research Association (AERA), Illinois, United States Of America, 9 - 13 April 2007, pp.1
- LXXXII. **Turkish High School Student s Perceptions of Constructivist Learning Environment in Chemistry Classrooms and their Attitudes towards Chemistry**  
YILMAZ TÜZÜN Ö., ÇAKIROĞLU J., BOONE W.  
National Association for Research in Science Teaching (NARST), 3 - 06 April 2006, pp.294
- LXXXIII. **Turkish high school student s perceptions of constructivist learning environment in chemistry classrooms and their attitudes toward chemistry**  
YILMAZ TÜZÜN Ö., ÇAKIROĞLU J., Boone W. J.  
Annual Proceedings of the National Association for Research in Science Teaching (NARST), 3 - 06 April 2006

## Supported Projects

2017 - 2020	Argümantasyona Dayalı Kavram Karikatürleriyle Bilim Sanat Merkezi Öğrencilerinin ve Velilerinin Sosyobilimsel Konu Algılarının ve Karar Verme Stratejilerinin Geliştirilmesi, TUBITAK Project
2013 - 2017	GREEN Green Environment Education European Network, EU Supported Other Project
2016 - 2016	IV Uygulamalı Bilim Eğitimi Kursu, TÜBA Project
2016 - 2016	Öğretmen adaylarının FeTeMM eğitimine yönelik eğilimlerini bilişsel ve duyuşsal değişkenler açısından incelemek, Project Supported by Higher Education Institutions
2016 - 2016	Fen bilgisi öğretmen adaylarının sosyobilimsel konuların öğretimi konusunda öz-yeterlik inançlarının, karakter ve değer algılarının geliştirilmesi., Project Supported by Higher Education Institutions
2015 - 2015	Öğretmen adaylarının teknoloji entegrasyonu, fen teknoloji mühendislik matematik (FTMM-STEM) yaklaşımı ve sosyobilimsel konuları öğretmeye yönelik algılarının incelenmesi, Project Supported by Higher Education Institutions
2012 - 2012	Çevre Eğitimi Laboratuvar Uygulamalarının Fen Ve Teknoloji Öğretmen Adaylarının Çevre Eğitimi Konusundaki Motivasyon ve Özgüvenlerine Etkisinin Araştırılması., Project Supported by Higher Education Institutions
2011 - 2011	Fen Ve Teknoloji Dersi Öğretmen Adaylarının Genetik Konusu Üzerine Teknolojik Pedagojik Alan Bilgileri., Project Supported by Higher Education Institutions
2010 - 2010	Okul Deneyimi Dersi Kapsamında Blog Uygulamalarının Öğretmen Adaylarının Profesyonel Gelişimlerine Yansımaları., Project Supported by Higher Education Institutions
2009 - 2009	İlköğretim Fen Bilgisi Öğretmen Adaylarının Çevre İle İlgili Sahip Oldukları Epistemeolojik İnançlar, Project Supported by Higher Education Institutions
2009 - 2009	Öğretmen Adaylarının Çevre Okur Yazarlıklarının Epistomolojik İnançlarıyla İlişkileri., Project Supported by Higher Education Institutions
2009 - 2009	Üniversite Öğrencilerinin Çevresel Konular Üzerindeki Etik Uslamlama Örüntüleri., Project Supported by Higher Education Institutions

## Activities in Scientific Journals

2021 - Continues	Ankara Üniversitesi Eğitim Bilimleri Fakültesi Dergisi, Committee Member
2020 - Continues	Journal Of Research In Science Teaching, Assistant Editor/Section Editor
2017 - Continues	Eğitim Ve Bilim-Education And Science, Editor

## Scientific Consultations

2012 - 2015 Scientific Consultancy, CİTO-Türkiye

## Tasks In Event Organizations

13 Eylül 2012 Aşkun C. S., Özden M. Y., Hürmeriç Altunsöz I., Korkusuz F., Seferoğlu G., Ubuz B., Yıldırım A., Akar H., Yılmaz Tüzün Ö., Delialioğlu Ö., et al., International Applied Education Congress, Scientific Congress, Ankara, Turkey

## Metrics

Publication: 130  
Citation (WoS): 295  
Citation (Scopus): 528  
H-Index (WoS): 8  
H-Index (Scopus): 12

## Invited Talks

October 2019 7th International Conference on Educational Research and Innovation (ICERI), Conference, UNIVERSITAS NEGERI YOGYAKARTA, Indonesia  
October 2019 International Seminar on Science Education, Conference, Yokyakarta State University, Indonesia  
September 2017 TÜBA-VI. Uygulamalı Bilim Eğitimi Kursu, Seminar, Türkiye Bilimler Akademisi, Turkey  
January 2017 TÜBA V. Uygulamalı Bilim Eğitimi Kursu, Seminar, Türkiye Bilimler Akademisi, Turkey  
September 2016 TÜBA IV. Uygulamalı Bilim Eğitimi Kursu, Seminar, Türkiye Bilimler Akademisi, Turkey  
June 2013 Öğrenci Başarılarının Değerlendirilmesi ve Eğitim Politikaları Oluşturmada Sınav Sonuçlarından Yararlanılması, Workshop, Azerbaijan  
February 2012 Binanı Gözet, Enerjide Tasarruf Et projesi, Workshop, T.C. Çevre ve Şehircilik Bakanlığı, British Council, Turkey  
November 2009 Uluslararası İklim Değişikliği Eğitimi Çalıştayı, Seminar, ODTÜ Toplum ve Bilim Merkezi, UTES Demeği ve British Council, Turkey

## Scholarships

1999 - 2004 Yurt Dışı Doktora Bursu, YOK  
2003 - 2003 E. Wayne Gross Summer Research Scholarship, University  
2002 - 2002 E. Wayne Gross Summer Research Scholarship, University

## Awards

May 2017 METU Academic Performance Award, Orta Doğu Teknik Üniversitesi  
May 2014 METU Academic Performance Award, Orta Doğu Teknik Üniversitesi  
May 2012 METU Academic Performance Award, Orta Doğu Teknik Üniversitesi  
May 2011 Academic Year METU Best Thesis Award, Orta Doğu Teknik Üniversitesi  
May 2010 Academic Year METU Best Thesis Award, Orta Doğu Teknik Üniversitesi  
May 2010 Mustafa Parlar Foundation Thesis Award , Mustafa Parlar Vakfı  
May 2009 ODTÜ Geliştirme Vakfı Genç Araştırmacı Başarı Ödülü, Odtü Geliştirme Vakfı  
May 2008 METU Academic Performance Award, Orta Doğu Teknik Üniversitesi

May 2008

Academic Year METU Best Thesis Award, Orta Doęu Teknik Üniversitesi

## **Non Academic Experience**

1995 - 1996

Ministry, Ministry of Education, Nięde Anatolian High School