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**PERSONAL**

<b>Date of Birth</b>	September 24, 1954
<b>Place of Birth</b>	Kayseri /TURKEY

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**EDUCATION**

1987	METU, Civil Engineering (Construction Materials), Ph.D.
1980	METU, Civil Engineering (Construction Materials), M.S.
1978	METU, Civil Engineering, B.S.

**ACADEMIC POSITIONS**

2019 – cont.	Professor, Department of Civil Engineering, Atılım University, Turkey
1999 – 2019	Professor, Department of Civil Engineering, Middle East Technical University, Turkey
1993 – 1994	Guest Lecturer, Eastern Mediterranean University, North Cyprus
1992 – 1999	Associate Professor, Department of Civil Engineering, Middle East Technical University, Turkey
1988 – 1989	Guest Researcher, Dundee University, United Kingdom
1987 – 1992	Assistant Professor, Department of Civil Engineering, Middle East Technical University, Turkey
1983 – 1987	Instructor, Department of Civil Engineering, Middle East Technical University, Turkey
1980 – 1983	Research Assistant, Department of Civil Engineering, Middle East Technical University, Turkey

**ADMINISTRATIVE DUTIES**

2019 – cont.	Chairperson, Department of Civil Engineering, Atılım University, Turkey
2003 – 2006	Dean, Middle East Technical University, Turkey
2003 – 2006	University Executive Board Member, Middle East Technical University, Turkey
2003 – 2006	Member of the University Senate, Middle East Technical University, Turkey
2002 – 2007	Member of the Award Board, Middle East Technical University, Turkey
1999 – 2003	Chairperson, Department of Civil Engineering, Middle East Technical University, Turkey
1999 – 2003	Graduate School Board Member, Graduate School of Natural and Applied Sciences, Middle East Technical University, Turkey
1999 – 2003	Faculty Board Member, Faculty of Engineering, Middle East Technical University, Turkey
1997 – 1998	Editorial Board Member of Civil Engineering Bulletin, Department of Civil Engineering, Middle East Technical University, Turkey
1993 – 1994	Faculty Curriculum Commission, Faculty of Engineering, Eastern Mediterranean University, North Cyprus
1993 – 1994	Department Curriculum Commission, Department of Civil Engineering, Eastern Mediterranean University, North Cyprus
1993 – 1994	Faculty Executive Board, Faculty of Engineering, Eastern Mediterranean University, North Cyprus
1993 – 1993	Member of the Editorial Board of METU, Middle East Technical University, Turkey
1991 – 1993	Member of the Employment Committee for Graduates, Department of Civil Engineering, Middle East Technical University, Turkey
1991 – 1993	Member of the Graduate Committee, Department of Civil Engineering, Middle East Technical University, Turkey
1991 – 1993	Editorial Board Member of Civil Engineering Bulletin, Department of Civil Engineering, Middle East Technical University, Turkey

**RESEARCH INTERESTS**

1	Cement and concrete technology
2	Supplementary cementitious materials
3	Industrial by-products in cement and concrete

**PROFESSIONAL SERVICE**

2008 – 2011	Director of R&D Institute, Türkiye Çimento Müstahsilleri Birliği (TÇMB), Turkey
2007 – 2008	Soil Industry Sector Council Consultancy, TOBB, Turkey
1996 – 1999	R&D Consultancy, Türkiye Çimento Müstahsilleri Birliği (TÇMB), Turkey
1995 – 1996	Head of Cement-Concrete Research and Training Department, Türkiye Çimento ve Toprak Sanayi A.Ş. (ÇİTOSAN), Turkey
1978 – 1980	Project Engineer, Tarım Satış Kooperatifleri Merkez Birliği (TARKO), Turkey

## INTERNATIONAL JOURNALS

1	ARDOĞA, M.K., ERDOĞAN, S.T., TOKYAY, M., "Effect of Particle Size on Early Heat Evolution of Interground Natural Pozzolan Blended Cements", Construction and Building Materials, 206, 210-218, 2019.
2	KAMAN ÖVER, D., KOROĞLU, L., AYAS, E., TOKYAY, M., GÜNEY, Y., "Mechanical Properties of Cement Mortar Containing Heat-Treated Boron Derivative Waste at Elevated Temperatures", J. Mater. Civil Eng (ASCE), 30(6), 2018.
3	MAHYAR, M., ERDOĞAN, S.T., TOKYAY, M., "Extension of the Chemical Index Model for Estimating Alkali-Silica Reaction Mitigation Efficiency to Slags and Natural Pozzolans", Construction and Building Materials, 179, 587-597, 2018.
4	YILMAZ, M., TOKYAY, M., YAMAN, İ.Ö., "Cement Production by Cement Bonded Wood Particle Board Wastes", Advances in Cement Research, 28(4), 233-240, 2016.
5	ÇETİN, C., ERDOĞAN, S.T., TOKYAY, M., "Effect of Particle Size and Slag Content on the Early Hydration of Interground Blended Cements", Cement and Concrete Composites, 67, 39-49, 2016.
6	GÜNEŞ, A.K., YAMAN, İ.Ö., TOKYAY, M., ÖZTÜRK, A., "Properties of Alinite Cement Produced by Using Soda Sludge", Advances in Cement Research, 25(2), 104-111, 2013.
7	KIRCA, Ö., YAMAN, İ.Ö., TOKYAY, M., "Compressive Strength Development of Calcium Aluminate Cement-GGBFS Blends", Cement and Concrete Composites, V. 35, No. 1, 163-170, 2013.
8	ŞAHMARAN, M., YAMAN, İ.Ö. and TOKYAY, M., "Transport and Mechanical Properties of Self Consolidating Concrete With High Volumes of Fly Ash", Cement and Concrete Composites, V. 31, No. 2, 99-106, 2009.
9	BİNİCİ, H., AKSOĞAN, O., ÇAĞATAY, İ.H., TOKYAY, M. and EMSEN, E., "The effect of particle size distribution on the properties of blended cements incorporating GGBFS and natural pozzolan (NP)", Powder Technology, V. 177, No. 3, 140-147, 2007.
10	ŞAHMARAN, M., YAMAN, Ö., TOKYAY, M., "Development of High-Volume Low-Lime and High-Lime Fly Ash Incorporated Self-Consolidating Concrete", Magazine of Concrete Research, V. 59, No. 2, pp.97-106, 2007.
11	ERDEM, T.K., MERAL, Ç., TOKYAY, M., ERDOĞAN, T.Y., "Use of Perlite as a Pozzolanic Addition In Producing Blended Cements", Cement and Concrete Composites, V. 29, No. 1, pp. 13-21, 2007.
12	ARIÖZ, Ö., TOKYAY, M., ARIÖZ, E., TUNCAN, M., KARASU, B., "Properties of fly ash-FGD gypsum-lime based products", J. of Australasian Ceramic Society, V.42, No. 1, pp. 13-21, 2006.
13	AKÇAOĞLU, T., TOKYAY, M. and ÇELİK, T., "Assessing the ITZ microcracking via scanning electron microscope and its effect on the failure behavior of concrete", Cement and Concrete Research, V. 35, No. 2, pp. 358-363, 2005.
14	AKÇAOĞLU, T., TOKYAY, M. and ÇELİK, T., "Effect of Coarse Aggregate Size and Matrix Quality on ITZ and Failure Behavior of Concrete Under Uniaxial Compression", Cement and Concrete Composites, Cement and Concrete Composites, V. 26, No. 6, pp. 633-638, 2004.
15	AKÇAOĞLU, T., TOKYAY, M. and ÇELİK, T., "Effect of Coarse Aggregate Size on Interfacial Cracking Under Uniaxial Compression", Materials Letters, V. 57, pp. 828-833, 2002.
16	TOKYAY, M.; "Strength Prediction of Fly Ash Concretes by Accelerated Testing", Cement and Concrete Research, Vol.29, pp.1737-1741, 1999.

17	ERDOĞDU, K., TOKYAY, M. and TÜRKER, P.; "Comparison of Intergrinding and Separate Grinding for the Production of Natural Pozzolan and GBFS Incorporated Blended Cements", Cement and Concrete Research, Vol. 29, pp. 743-746, 1999.
18	TOKYAY, M.; "Effect of Chemical Composition of Clinker on Grinding Energy Requirement", Cement and Concrete Research, Vol.29, pp. 531-535, 1999.
19	TOKYAY, M. and ÖZDEMİR, M.; "Specimen Shape and Size Effect on the Compressive Strength of Higher Strength Concrete", Cement and Concrete Research, Vol.27, pp.1281-1289, 1997.
20	TOKYAY, M.; "Effects of Three Turkish Fly Ashes on the Heat of Hydration of PC-fa Pastes", Cement and Concrete Research, Vol.18, pp. 957-960, 1988.
21	KASAP, Ö. ve TOKYAY, M., Betonun Eşdeğer Yaşının Çimento Hidratasyon Isısıyla Tahmini İçin Bir Yöntem, İMO Teknik Dergi, 2002.
22	KASAP, Ö. ve TOKYAY, M., Çimento Tipinin Beton Olgunluğuna Etkileri, Çimento ve Beton Dünyası, No.4, s.33-41, 2002.
23	ARUNTAŞ, Y. ve TOKYAY, M.; Katkılı Çimento Üretiminde Diatomitin Puzolanik Malzeme Olarak Kullanılabilirliği, Çimento ve Beton Dünyası, No.4, s.33-41, 1996.
24	TOKYAY, M.; "Agrega Tipinin Yüksek Dayanımlı Betonların Mekanik Özelliklerine Etkileri" İMO Teknik Dergi, C.9, No.2, s. 1627-1638, 1998.
25	ARUNTAŞ, H.Y., ALBAYRAK, M., SAKA, H.A. ve TOKYAY, M.; Ankara-Kızılcahamam ve Çankırı-Çerkeş Yöresi Diatomitlerin Özelliklerinin Araştırılması, Türk Mühendislik ve Çevre Bilimleri Dergisi, c.22, No.4, s.337-344, 1998.
26	BİRİNCİOĞLU, T. ve TOKYAY, M.; Bazı Mineral Katkı Maddelerinin Harç Numunelerinin Hacim Değişikliğine Etkileri, Çimento ve Beton Dünyası, No.1, s.38-41, 1996.
27	TOKYAY, M. ve ÇETİN (KÜÇÜKÖNER), B.; Preslenmiş, Buhar Kürü Uygulanmış Uçucu Kül-Kireç Tuğlalarının Dayanım ve Su Emme Özellikleri, İMO Teknik Dergi, C.2, No.4, s.385-394, 1991.

## INTERNATIONAL CONFERENCE PROCEEDINGS

1	Şahmaran, M., Tokyay, M., "Durability Properties of High Performance Fiber Reinforced Cementitious Composites Incorporating High Volumes of Fly Ash, Eurocoal Ah 2012 Conf., Thessaloniki, 2012.
2	Şahmaran, M., Yaman, İ.Ö., Tokyay, M., "Fresh Properties of High-volume Fly Ash Self Consolidating Concretes, 8th CANMET/ACI Int. Conf on Recent Advances in Concrete Tech., in ACI Sp. Publ SP 235-13. 2006.
3	Yurtseven, A., Yaman, I, Tokyay, M., "Mechanical Properties of Hybrid Fiber Reinforced Concrete", Measuring, Monitoring, and Modeling Concrete Properties (Ed. Konsta Goudos, M.S.), Spriger, Dordrecht. 2006.
4	TOKYAY, M., "Anatolian Civilizations: Their Engineering and Education Practices", SEFI Annual Conference, pp. 547-556, Ankara, 2005.
5	KASAP, Ö. and TOKYAY, M., "Effects of Cement Type on Concrete Maturity", Role of Cement Science in Sustainable Development, Eds. R.K. Dhir, M.D. Newlands and L.J. Csetenyi, Dundee, U.K., pp. 131-142, 2003
6	DİLEK, F.T. and TOKYAY, M., "Sulfate Resistance of Laboratory-Made Cements With Different Mineral Admixtures", 6th CANMET/ACI Int. Conf. On Durability of Concrete, Ed. V.M. Malhotre, Thessaloniki, Greece, pp. 131-145, 2003.
7	AKÇAOĞLU, T., TOKYAY, M. and ÇELİK, T., "Effect of Coarse Aggregate Size and Water-Cement Ratio on Interface Fracture Under Uniaxial Compression", 6th Int. Conf. On Conc. Tech. For Developing Countries, Ed. M. Resheidat, 21-24 Oct. Amman, Jordan, V. 1. Pp.243-250, 2002
8	Ariöz, Ö., Tokyay, M., Ünal, G.Y., "An Alternative Study on Brick Production", 1. Uluslararası Eskişehir Pişmiş Toprak Sempozyumu, Eskişehir Tepebaşı Belediyesi, s. 124-130, 2001.
9	YEGİNOBALI, A., SOBOLEV, K.G., SOBOLEVA, S.V.and TOKYAY, M.; High Strength Natural Lightweight Aggregate Concrete With Silica Fume, 6th CANMET-ACI International Conference on Fly ash, Silica Fume, Slag and Natural Pozzolans in Concrete, Bangkok, Thailand, 1998.
10	ARIÖZ, Ö. and TOKYAY, M.; FGD Gypsum as Cement Retarder, Proceeding of 1st International Symposium on Mineral Admixtures in Cement, pp. 168-175, İstanbul, 1997.
11	ARUNTAŞ, H.Y. and TOKYAY, M.; Central Anatolian Diatomites for Producing Pozzolanic Cements, Proceedings of 1st International Symposium on Mineral Admixtures in Cement, pp.193-197, İstanbul, 1997.
12	ERDOĞDU, K., TOKYAY, M. and ÖZTÜRK, H.; Effects of Pozzolanic Additions on Grindability and Strength of Pozzolanic Cements With Different Fineness Values, Proceedings, 4th International Conference on Concrete Technology in Developing Countries, pp. 120-129, Gazimağusa, TRNC, 1996.
13	TOKYAY, M.; Flyash in Concrete-Turkish Experience, Proceedings of the US-Turkey Workshop on Fly Ash, Silica Fume, Slag and Natural Pozzolans in Concrete (Ed. V. RAMAKRISHNAN and M.S.AKMAN), pp. 7-17, 1992.
14	TOKYAY, M. and HUBBARD, F.H.; Mineralogical Investigations on High Lime Fly Ashes, 4th CANMET/ACI International Conference on Fly Ash, Silica Fume, Slag and Natural Pozzolans in Concrete, V.1, pp.65-77, İstanbul, 1992.
15	ERDOĞAN, T.Y., TOKYAY, M. and RAMYAR, K.; Investigation on the Sulfate Resistance of High Lime Fly Ash Incorporated PC-fa Mortars, 4th CANMET/ACI International Conference on Fly Ash, Silica Fume, Slag and Natural Pozzolans in Concrete, V.1, pp.271-280, İstanbul, 1992.
16	ERTÜRK, T. and TOKYAY, M.; Interfacial Failure in Steel Fiber Reinforced Polystyrene Impregnated Mortar, Proceedings of Fourth International Conference on Mechanical Behavior of Materials (ICM IV), V.1, pp.507-515, Stockholm, 1983.

## NATIONAL CONFERENCE PROCEEDINGS

1	ŞAHMARAN, M., YAMAN, İ.Ö. ve TOKYAY, M., "Yeni Nesil Yüksek Akışkanlaştırıcı Katkı Maddeleri İle Yüksek Hacimde Uçucu Kül İçeren Kendiliğinden Yerleşen Beton", Beton 2004 Kongresi Bildiriler Kitabı, s. 225-233, THBB, İstanbul, 2004.
2	TOKYAY, M., GÜMRAH, F. ve YAMAN, Y., "Mühendislik Eğitiminde Vaka Çalışmaları", I. Ulusal Mühendislik Kongresi Bildiriler Kitabı, s. 41-44, İzmir, 2004.
3	GÜMRAH, F., YAMAN, Y. ve TOKYAY, M., Mühendislik Eğitiminde İş Sağlığı ve Güvenliği Yönetimi, I. Ulusal Mühendislik Kongresi Bildiriler Kitabı, s. 141-148, İzmir, 2004.
4	TOKYAY, M., "Üniversitelerde Stratejik Planlama ve Performans Değerlendirme", 5. Kamu Kalite Sempozyumu Bildiriler, s. 28-32, KALDER, Ankara, 2004.
5	BİNAY, S. ve TOKYAY, M., "Pasif Korunma Teknolojileri ve Koruyucu Yapılar", SAVTEK 2002, Savunma Teknolojileri Kongresi, Ed. O. Yıldırım vd., Ankara, C. 1, s. 105-114, 2002.
6	TOKYAY, M. ve ARIÖZ, Ö.; Uçucu Kül-Desülfürizasyon Alçısı-Kireç Esaslı Tuğlalar Hakkında Deneysel Bir Çalışma, Endüstriyel Atıkların İnşaat Sektöründe Kullanılması Sempozyumu (3) Bildiriler Kitabı, s. 171-186, TMMOB İnşaat Mühendisleri Odası, Eskişehir, 1997.
7	TOKYAY, M.; Çeşitli Basınç Dayanım Formüllerinin Yüksekakışkanlaştırıcı ve Mineral Katkı İçeren Betonlara Uygulanabilirliği, 4. Ulusal Beton Kongresi "Beton Teknolojisinde Mineral ve Katkılar", s.187-198, TMMOB İnşaat Mühendisleri Odası, İstanbul 1996.
8	TOKYAY, M.; Türk Çimento Standardları ve ENV 197-1, Çimento Sempozyumu, s.88-94, TMMOB İnşaat Mühendisleri Odası ve Kimya Mühendisleri Odası, Ankara, 1995.
9	TOKYAY, M.; Bomba Etkilerine Dayanıklı Çelik Lifli Beton Üretimi, 1. Sistem Mühendisliği ve Savunma Uygulamaları Sempozyumu Bildiriler Kitabı, C.2, s.78-86, KHO, Ankara, 1995.
10	TOKYAY, M., ERKUL, M. ve EREN, Ö.; Karıştırma ve Bekleme Sürelerinin Beton Özelliklerine Etkileri, 4. Ulusal Beton Kongresi "Hazır Beton", s. 257-268, TMMOB İnşaat Mühendisleri Odası, İstanbul, 1994.
11	TOKYAY, M.; Betonda Uçucu Kül Kullanımı (Türkiye Deneyimi), Endüstriyel Atıkların İnşaat Sektöründe Kullanılması Sempozyumu Bildiriler Kitabı, s. 29-36, TMMOB İnşaat Mühendisleri Odası, Ankara, 1993.
12	TOKYAY, M. ve RAMYAR, K.; YDBIarda Akışkanlaştırıcı Katkıların Etkinliği, İnşaat Mühendisliğinde Gelişmeler 1. Teknik Kongre, C.1, s.601-610, Gazimağusa, 1993.
13	TOKYAY, M. ve DAŞÇI, A.; Betonun İşlenebilme ve Dayanım Özellikleri Bakımından Çimento Tipi ile Su Azaltıcı Kimyasal Malzemeler Arasındaki İlişkiler, Türkiye İnşaat Mühendisliği XI. Teknik Kongre Bildiriler Kitabı, C.1, s. 212-225, TMMOB İnşaat Mühendisleri Odası, İstanbul, 1991.
14	TOKYAY, M., RAMYAR, K. ve TURANLI, L.; Polipropilen ve Çelik Lifli Yüksek Dayanımlı Betonların Basınç ve Çekme Yükleri altında Davranışı, 2. Ulusal Beton Kongresi "Yüksek Dayanımlı Beton", s. 274-303, TMMOB İnşaat Mühendisleri Odası, İstanbul, 1991.
15	TOKYAY, M., Uçucu Küllerin Mineralojik Kompozisyonlarının Hidratasyon ve Puzolanik Reaksiyonlara Etkileri, Türkiye İnşaat Mühendisliği X. Teknik Kongre Bildiriler Kitabı, C.1, s. 389-401, TMMOB İnşaat Mühendisleri Odası, Ankara, 1989.
16	YEĞİNOBALI, A. ve TOKYAY, M.; Betonun Kırılma Mekaniği Konusundaki Çalışmaların Değerlendirilmesi, Birinci Ulusal Kırılma Mekaniği Konferansı Bildiriler Kitabı, s. 189-207, Ankara, 1981.
17	ERDOĞAN, T.Y. ve TOKYAY, M.; Çekme Gerilmeleri Altında Betonun Yorulma Özelliği, TÜBİTAK 7. Bilim Kongresi Tebliğler Kitabı, s.883-891, Kuşadası, 1980.

## BOOKS

1	TOKYAY, M. ve ERDOĞDU, K.; Türkiye'de Üretilen Uçucu Küllerin Karakterizasyonu, TÇMB/AR-GE/Y 98.2, ISBN:, Türkiye Çimento Müstahsilleri Birliği, Ankara 1998, 70 s.
2	TOKYAY, M. ve ERDOĞDU, K.; Cüruflar ve Cürüflü Çimentolar (Araştırmaların Gözden Geçirilmesi ve Durum Raporu), TÇMB/AR-GE/Y 97.2, ISBN: 975-8136-03-8, Türkiye Çimento Müstahsilleri Birliği, Ankara, 1997, 34s.
3	TOKYAY, M.; Türkiye Çimentoları, prEN 197-1 Çimentoları ve Avrupa Ülkelerinde Çimento İç Satış İstatistikleri, TÇMB/AR-GE/Y 97.1, ISBN:975-8136-02-X, Türkiye Çimento Müstahsilleri Birliği, Ankara, 1997, 31s.
4	ÖZKUL, H., TAŞDEMİR, M.A., TOKYAY, M. ve UYAN, M.; Meslek Liseleri için Her Yönüyle Beton, Türkiye Hazır Beton Birliği ve T.C. Milli Eğitim Bakanlığı Erkek Teknik Öğretim Genel Müdürlüğü, İstanbul, Aralık 1999, 121s.
5	ERDOĞAN, T.Y., TOKYAY, M., YAMAN, İ.Ö., ERDOĞAN, S.T.; Introduction to Materials Science for Civil Engineers, METU Press, Ankara, 2010, 263s.
6	TOKYAY, M.; Cement and Concrete Mineral Admixtures, CRC Press, Boca Raton FL, 2106, 318s.

## BOOK CHAPTERS

1	Tokyay, M., Wasti, Y., Polat, U., "Use of Polymers in Civil Engineering Applications", Polymers In Construction (Ed. G. Akovalı), pp. 115-168, Rapra, Belgium, 2005.
2	TOKYAY, M.; Beton, Yapı Malzemeleri El Kitabı, s.55-86, TMMOB İnşaat Mühendisleri Odası Ankara Şubesi, Ankara, 1997.
3	TOKYAY, M.; Yapı Malzemelerinin Değerlendirilmesi, 13 Mart 1992 Erzincan Depremi Mühendislik Raporu (Ed. Haluk SUCUOĞLU ve Mustafa TOKYAY), s.75-76, TMMOB İnşaat Mühendisleri Odası Ankara Şubesi, Ankara, 1992.

## BOOK EDITOR

1	First International Symposium on Mineral Admixtures in Cement (Ed. M.TOKYAY), İstanbul 1997, 244s.
2	13 Mart 1992 Erzincan Depremi Mühendislik Raporu (Ed. H.SUCUOĞLU ve M. TOKYAY), TMMOB İnşaat Mühendisleri Odası Ankara Şubesi, Ankara, 1992, 102s.
3	TOKYAY, M.; Çimento ve Beton Tez Özetleri, TÇMB/AR-GE/Y 97.3, ISBN:975-8136-05-04, Türkiye Çimento Müstahsilleri Birliği, Ankara 1997, 92s.
4	TOKYAY, M.; Türkiye Çimento-Beton Araştırma Ekipman Envanteri (1996), TÇMB/AR-GE/Y 96.2, ISBN:975-8136-00-3, Türkiye Çimento Müstahsilleri Birliği, Ankara, 1996, 94s.
5	TOKYAY, M.; Türkiye Çimento-Beton Araştırmacı Envanteri (1996), TÇMB/AR-GE/Y 96.1, ISBN:975-8136-01-1, Türkiye Çimento Müstahsilleri Birliği, Ankara, 1996, 96s.

## PROJECTS

1	"Türkiye'de Mevcut Bazı Puzolanik Malzemelerin Özellikleriyle Çimento Harcı Alkali Silis Tepkimesi Genleşmelerine Etkileri Arasında İstatistiksel Bağlılıklar Geliştirilmesi", TÜBİTAK Projesi, 2017. (Researcher)
2	"Soda Sanayi Atık Çamurundan Düşük Enerjili Çimento Üretimi", TÜBİTAK Projesi, 2017. (Project Coordinator)
3	"Taze Harç ve Betonda Özellik Gelişiminin Ultrasonik Dalgalarla İzlenmesi" ODTÜ AFP Projesi, 2008. (Project Coordinator)
4	"Yüksek Miktarda Uçucu Kül İçeren Kendiliğinden Yerleşen Beton", İÇTAG-1681, TÜBİTAK Mühendislik Araştırma Grubu, 2005. (Project Coordinator)
5	"Mineral Katkılı Çimentolu Sistemlerin Sülfata Dayanırlılığı", İÇTAG-645, TÜBİTAK İnşaat ve Çevre Teknolojileri Araştırma Grubu, 2003. (Project Coordinator)
6	"Betonların Olgunluğuna Çimento Tipinin Etkileri", AFP 03-03DPT2000K120400 2000. (Project Coordinator)
7	"Yüksek Dayanımlı Betonların Malzeme Özelliklerinin Belirlenmesi", İNTAG-601 TÜBİTAK İnşaat Teknolojileri Araş. Grubu, 1993-1995. (Project Coordinator)
8	"Kahramanmaraş Sır Barajı Betonlarında Kullanılan Çimentoların Hidratasyon Isılarının Tesbiti", ODTÜ UAP, Kod No: 90-03-03-001, 1990. (For Italstrade Recchi Company, Project Coordinator)
9	"Dicle Barajı ve HES'nde Kullanılacak Olan Bulamaç (Slurry) için Araştırma", ODTÜ UAP, Kod No: 91-03-03-31, 1991. (SMP Müh. Ltd. Şti, Project Coordinator)
10	"Ankara Merkezi Atıksu Arıtma Tesisi Beton Karışım Hesapları", ODTÜ UAP, Kod No: 92-03-03-48, 1992. (Yüksel İnşaat AŞ, Project Coordinator)
11	"Erzincan Kamu Binalarının Takviye ve Onarımı ile Afet Konutları İnşaatlarına ait Gözlemler", ODTÜ UAP, Kod No: 92-03-03-12, 1992. (Earthquake Research Group Member)
12	"Erzincan Kamu Binalarının Takviye ve Onarımı ile Afet Konutları İnşaatlarına ait Gözlemler", ODTÜ UAP, Kod No: 92-03-03-13, 1992 (Earthquake Research Group Member)
13	"Çankaya-Mamak Viyadüğü Betonlarının Karışım Hesapları, Dayanım ve Rötire Deneyleri", ODTÜ UAP, Kod No: 93-03-03-16, 1993. (Ceylan İnş. Taah. İth.İhr. Ltd.Şti., Project Coordinator)
14	"Aselsan Akyurt Tesisleri Tozsuz Döşeme Betonu", ODTÜ UAP, Kod No: (Rudolf Otto Meyer Company, Project Coordinator) 1992.

## PATENTS

1	None
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## CITATIONS

Web of Knowledge (as of Sept. 2019)	569
Google Scholar (as of Sept. 2019)	1305



## JOURNAL EDITORIAL BOARDS AND REFEREES

2007 – cont.	Referee, Construction & Building Materials
2007 – cont.	Referee, Building & Environment
2005 – cont.	Referee, Waste Management
2005 – cont.	Referee, European J. of Engineering Education (EJEE)
2004 – cont.	Referee, GÜ Fen Bilimleri Dergisi
2003 – cont.	Referee, ACI Materials Journal
2001 – cont.	Referee, Cement and Concrete Research
1999 – cont.	Member of Editorial Board, Çimento ve Beton Dünyası
1996 – 1999 2010 – 2012	Editor, Çimento ve Beton Dünyası
1994 – cont.	Referee, Türk Mühendislik ve Çevre Bilimleri Dergisi
1989 – cont.	Referee, Teknik Dergi
1980 – 1989	Member of Editorial Board, Türkiye Mühendislik Haberleri
1988 – 1991	Member of Publication Advisory Board ,İnşaat Malzemeleri ve Uygulamaları

## COURSES GIVEN

1	CE 102 – Introduction to Civil Engineering
2	CE 241 – Materials Science
3	CE 244 – Materials of Construction
4	CE 406 – Cement Replacement Materials
5	CE 447 – Advanced Materials of Construction
6	CE 499 – Senior Term Paper
7	CE 504 – Special Studies in Construction Materials
8	CE 510 – Creep of Concrete
9	CE 541 – Durability of Building Materials
10	CE 544 – Advanced Concrete Technology
11	CE 7005 – Cement Replacement Materials

## PHD THESES SUPERVISED

1	IDREES, Maria. Influence of Mineral Admixture Type and Amount on Rheological Properties of Mortars, METU Graduate School of Natural and Applied Sciences, Department of Civil Engineering, 2017.
2	KASAP, Özlem. Monitoring the Development of Properties in Fresh Mortar and Concrete By Ultrasonic Waves, METU Graduate School of Natural and Applied Sciences, Department of Civil Engineering, 2009.
3	GILANI M. Adel. Various Durability Aspects of Slurry Infiltrated Fiber Concrete, METU Graduate School of Natural and Applied Sciences, Department of Civil Engineering, 2007.
4	KIRCA, Önder. Temperature Effect on Aluminous Cement Based Composites, METU Graduate School of Natural and Applied Sciences, Department of Civil Engineering, 2006.
5	ŞAHMARAN, Mustafa. High Volume Fly Ash Incorporated Self-Compacting Concrete, METU Graduate School of Natural and Applied Sciences, Department of Civil Engineering, 2005.
6	AKÇAOĞLU, Tülin. Effect of Coarse Aggregate Size and Matrix Quality on ITZ and Failure Behavior of Concrete Under Uniaxial Compression, Eastern Mediterranean University Graduate School of Natural and Applied Sciences, Department of Civil Engineering, 2003.
7	ERDOĞDU, Korhan. Effects of Limestone Additives on Micro- and Macro-properties of Cements and Concretes, METU Graduate School of Natural and Applied Sciences, Department of Civil Engineering, 2002.
8	DİLEK, Faruk Tuncer. Sulfate Resistance of Ternary Blend (Portland Cement-Silica Fume-Fly Ash) Cementitious Systems, METU Graduate School of Natural and Applied Sciences, Department of Civil Engineering, 2002.
9	ARUNTAŞ, H. Yılmaz. Diatomitlerin Çimento Katkı Maddesi Olarak Kullanılabilirliği Gazi University Graduate School of Natural and Applied Sciences, Department of Architecture, 1999.
10	SABRİ, Salaheddin. Theoretical and Experimental Investigation on the Bond Between Two Materials, METU Graduate School of Natural and Applied Sciences, Department of Civil Engineering, 1997.

**MASTER THESES SUPERVISED**

1	RAMYAR, Kambiz. The Effects of Soft Soap on the Properties of Cement and Mortars, METU Department of Civil Engineering, 1986. (with Prof.Dr. Turhan ERDOĞAN)
2	UYSAL, Fatih. Geotechnical Properties of the Fly Ashes Produced in Two Thermal Power Plants in Turkey, METU Department of Civil Engineering, 1987. (with Prof.Dr. Yıldız WASTI)
3	SAVRAN, K. Ziya. Stabilization of Cohesive Soils With Fly Ash, METU Department of Civil Engineering, 1988. (with Prof.Dr. Yıldız WASTI)
4	KUÇÜKÖNER, N. Burçin. Properties of Compacted and Steam Cured Fly Ash-Lime Masonry Units, METU Department of Civil Engineering, 1989.
5	DAŞÇI, Ali. Effects of Plasticizing Admixtures on Strength Properties of Concretes Made From Different Types of Portland Cements, METU Department of Civil Engineering, 1990.
6	KAYAPINAR, Ünal. Use of Ground Ferrochromium Slag and Silica Fume From Silicoferrochromium Furnace as Cement Replacement Materials, METU Department of Civil Engineering, 1991.
7	SARIKAYA, Yakup. Use of Silica Fume From Ferrosilicon Furnace as a Cement Replacement Material, METU Department of Civil Engineering, 1991.
8	KAYA, Yeşim. Condensed Silica Fume in High Strength Concrete, METU Department of Civil Engineering, 1992.
9	KÖMÜRCÜ, Çetin. Effects of Aggregate Type on the Mechanical Properties of High Strength Concrete, METU Department of Civil Engineering, 1993.
10	ÖZDEMİR, Muzaffer. Specimen Size and Shape Effect on Compressive Strength of High Strength Concrete, METU Department of Civil Engineering, 1994.
11	ŞATANA, Onur Alp. Structural Lightweight Concrete Produced With Pumice and Leçelik Aggregates, METU Department of Civil Engineering, 1994.
12	KIZILKAYA, Ahmet. Accelerated Curing High Strength Concrete, METU Department of Civil Engineering, 1994.
13	KAYA, Berk. Effectiveness of Chemical Admixtures in Relation With Cement Type, METU Department of Civil Engineering, 1995.
14	BİRİNCİOĞLU, Turan. Effects of Admixtures on Mortar Shrinkage Under Different Curing Conditions, METU Department of Civil Engineering, 1996.
15	ERDOĞDU, Korhan. Effects of Pozzolanic Additions on Grindability and Some Mechanical Properties of Pozzolanic Cements of Different Fineness Values, METU Department of Civil Engineering, 1996.
16	ARIÖZ, Ömer. An Experimental Investigation on Fly Ash-FGD Gypsum-Lime Based Bricks, METU Department of Civil Engineering, 1997.
17	TUNÇBİLEK, Bülent. A Current Evaluation of Various Turkish Fly Ashes as Admixtures for Cement and Concrete, METU Department of Civil Engineering, 1998.
18	YILMAZ, Arın. Effects of Clinker Composition on the Properties of Pozzolanic Cements, METU Department of Civil Engineering, 1998.
19	AZANBAEVA, Saoule, K. Pressed Lightweight Masonry Units from Expanded Ferrochromium Slag, METU Department of Civil Engineering, 1998.
20	ÜNAL, Tugan Anibal. Effects of Cement Type on the Corrosion of Concrete Reinforcement, METU Department of Civil Engineering, 1999.
21	BARIN, Tarkan. Effects of Aggregate Packing on Strength of Concrete, METU Department of Civil Engineering, 2000.
22	AKKAYA, Ümit. Estimation of Concrete Strength in Existing Structures by Core and Non-Destructive Testing, METU Department of Civil Engineering, 2000.

23	KUTLUAY, Tolga. Statistical Evaluation of the Quality of Concrete Reinforcement Steels Used in Turkey, METU Department of Civil Engineering, 2000.
24	KASAP, Özlem. Maturity of Concretes With Blended Cements, METU Department of Civil Engineering, 2002.
25	YURTSEVEN, Alp Eren. Determination of Mechanical Properties of Hybrid Fiber Reinforced Concrete, METU Department of Civil Engineering, 2004.
26	ÜSTÜNER, Didem Tuğba Effectiveness of Set Accelerating Admixtures with Different Cement Types, METU Cement Engineering, 2009
27	SOYLUOĞLU, Serdar. Effects of Separate and Interground CEM II B-M Postland Composite Cement on Concrete Properties, METU Cement Engineering, 2009
28	Topbaş, Selim. Effects of Fly Ash, Ground Granulated Blast Furnace Slag and Trass on Delayed Ettringite Formation, METU Cement Engineering, 2010.
29	ÖVER, Derya. Early heat evolution in natural pozzolan - incorporated cement hydration, METU Department of Civil Engineering, 2012.
30	YILMAZ, Mustafa. A Study on the Utilization of Waste Cement-bonded Wood Particle Board as a Raw Material and a Secondary Fuel in Cement Manufacturing, METU Cement Engineering, 2012.
31	ÇETİN, Can. Early Heat Evolution of Different Sized Portland Cements Incorporating Ground Granulated Blast Furnace Slag., METU Department of Civil Engineering, 2013.
32	TATLI, Emre. Pretreatment of Peanut Shells for Co-production of Glucose and Concrete Admixture. METU Chemical Engineering, 2013.
33	ARDOĞA, M.Kemal. Effect of Particle Size on Heat of Hydration of Pozzolan Incorporated Cements. METU Department of Civil Engineering, 2014.
34	TUNÇ, Hasan. Comparison of Test Methods on the Compressive Strength of Fly Ash Blended Cements. METU Cement Engineering, 2014.
35	TOKGÖZ, A. Üsame. Comparison of Test Methods on the Compressive Strength of Slag and Natural Pozzolan Cements. METU Cement Engineering, 2014.
36	UÇAL, G. Ozan. Low-Energy Alinite Cement Production by Using Soda Waste Sludge. METU Department of Civil Engineering, 2014.
37	ATASEVER, Muhammet. Maturity and Equivalent Age Functions of Mineral Admixture Incorporated Mortars. METU Department of Civil Engineering, 2017.
38	ERKMEN, Kadir Can. Hydration Behavior and Strength Development of Mineral Admixture Incorporated Calcium Aluminate Cements. METU Department of Civil Engineering, 2018.