

1. **Adı soyadı:** Mehmet Metin Kunt
2. **Doğum Tarihi:** 14 Mart 1963
3. **Unvanı:** Yrd. Doç.
4. **Öğrenim Durumu:** Doktora

Derece	Alan	Üniversite	Yıl
Lisans	İnşaat Müh.	ODTÜ	1986
Y.Lisans	Ulaşım Müh	University of Texas at Austin	1991
Doktora	Ulaşım Müh	University of Texas at Austin	1995

E-posta: metin.kunt@emu.edu.tr; kunt.mehmet@gmail.com;

5. Akademik Ünvanlar

Yardımcı Doçentlik Tarihi : 1998 – Devam etmekte

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1 Yüksek Lisans Tezleri

1. Deniz Ulunay, 2019, Application of Pavement Management Systems for the Nicosia Turkish Municipality Road Network.
2. Anas Alrejjal, 2018, Cell Phone Distraction: Data Mining Application on Fatality Analysis Reporting System (FARS).
3. Esther Obrasua Akobo, 2018, Road Asset Management Systems in Geçitkale, North Cyprus.
4. Zaniar Babaei, 2017, Detection and Characterization of Road Accident Clusters in Texas Counties.
5. Sina Darban Khales, 2013, Modeling Transport by GIS: A Case Study of Famagusta.
6. Batto, Rafal Faez Hadi, 2013, Evaluating Three Alternative Designs for Reducing Delay at an Intersection in Dohuk, Iraq.
7. Bryar Ahmed, 2013, Developing of pavement management system (PMS) for EMU campus pavement in GIS environment.
8. Doudaran, Meisam Siami, 2012, Emergency service location study for Kyrenia city in Cyprus.
9. Mahdi Kazemi, 2011, Emergency Service Location Study for City of Famagusta in Geographic Information System.
10. (ortak danışman) Esfandiarpour, Saman, 2010, Hybrid Reinforcement of Asphalt-Concrete Mixtures Using Glass and Polypropylene Fibers.
11. (ortak danışman) Ebrahimi, Milad Ghorban, 2010, The effect of polypropylene modification on marshall stability and flow.
12. İyikal, Ramadan, 2006, Development of a traffic accident reporting system for North Cyprus.
13. Tansel, Serkan, 2002, Maintenance System for the Road Network of Gazimagusa Municipality in North Cyprus.
14. Weld Ali, Waddah, 2001, Development of a Road Roughness Measurement and Evaluation System.

6.2 Doktora Tezleri

1. Aghayan, I., 2013. Improved Traffic Crash Modeling through Accuracy and Response Time Using Classification Algorithms: A Model Comparison Approach.

7. Yayınlar

7.1 Uluslararası hakemli dergilerde yayınlanan makaleler (SCI, SCI-E, SSCI)

1. Darban Khales, S., Kunt, M.M., Dimitrijevic, B. Analysis of the impacts of risk factors on teenage and older driver injury severity using random-parameter ordered probit, Canadian Journal of Civil Engineering (In press)
2. Fettahoglu, A., Genes, M.C. and Kunt, M.M., 2018. Creep Compliance and Relaxation Moduli of PmB 25 A and PmB 45 A Gußasphalts at Different Temperatures. *Journal of Materials in Civil Engineering*, 30(4), p.04018032.
3. Noii, N., Aghayan, I., Hajirasouliha, I. and Kunt, M.M., 2017. A new hybrid method for size and topology optimization of truss structures using modified ALGA and QPGA. *Journal of Civil Engineering and Management*, 23(2), pp.252-262.
4. Tum, D.O., Kunt, N. and Kunt, M., 2016. Language learning in conflictual contexts: a study of Turkish Cypriot adolescents learning Greek in Cyprus. *Language, Culture and Curriculum*, 29(2), pp.207-224.
5. Abtahi, S.M., Esfandiarpour, S., Kunt, M., Hejazi, S.M. and Ebrahimi, M.G., 2013. Hybrid Reinforcement of Asphalt-Concrete Mixtures Using Glass and Polypropylene Fibers. *Journal of Engineered Fabrics & Fibers (JEFF)*, 8(2).
6. Aghayan, I., Noii, N. and Kunt, M.M., 2012. Extended traffic crash modelling through precision and response time using fuzzy clustering algorithms compared with multi-layer perceptron. *PROMET-Traffic&Transportation*, 24(6), pp.455-467.
7. Kunt, M.M., Aghayan, I. and Noii, N., 2011. Prediction for traffic accident severity: comparing the artificial neural network, genetic algorithm, combined genetic algorithm and pattern search methods. *Transport*, 26(4), pp.353-366.
8. Abtahi, S.M., Ghorban, E.M., Kunt, M.M., Hejazi, S.M. and Esfandiarpour, S., 2011. Production of polypropylene-reinforced asphalt concrete mixtures based on dry procedure and superpave gyratory compactor. *Iranian Polymer Journal* 20 (10), 2011, 813-823
9. Kunt, M.M. and McCullough, B.F., 1990. Evaluation of the Subbase Drag Formula by Considering Realistic Subbase Friction Values. *Transportation Research Record*, (1286).

7.2 Uluslararası hakemli dergilerde yayınlanan makaleler (SCI, SCI-E, SSCI dışında olanlar)

1. Kazemi, Mahdi, Mehmet M. Kunt, Iman Aghayan, and Reza Jalali Larjani, 2013. "Optimization Model for Fire Station Location Based on GIS and Python: A Case Study in North Cyprus." *Applied Mechanics and Materials* 330 : 1059-1064.

7.3 Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (proceedings) basılan bildiriler

1. Kunt, M.M., Ebrahimi, M., Esfandiarpour, S., Abtahi Forooshani S.M. The Effect of Polypropylene Additive on Asphalt Mixture Properties, 9th International Congress on Advances in Civil Engineering, 27-30 September 2010 Karadeniz Technical University, Trabzon, Turkey
2. Kunt, M. M., "Transportation System in Northern Cyprus", Seminar on Integrating Transport in a Reunified Cyprus, Reconstruction and Resettlement Council, Nicosia, Cyprus 2009, ISBN 978-9963-9607-1-2, pp 40-45.

3. Kunt, M.M., 2008. Benefits of Introducing Pavement Management System in Small Cities: Case of Famagusta, Cyprus, Transportation Research Board Annual Meeting (No. 08-0138).
4. Kunt, M. M., "Probabilistic Modification of FAA Rigid Pavement Design Procedure", European Airport Pavement Workshop, CROW, 11-12 May 2005.
5. Kunt, M. M., "Feasibility of Continuously Reinforced Concrete Construction in Turkey", 9th International Symposium on Concrete Roads, PIARC, 4-7 April 2004.
6. Kunt, M. M., "Restructured Bid Items Improve Estimation Efficiency", 2003 AACE International Annual Meeting, Orlando, FL, USA, June 22-25, 2003.
7. Kunt, M. M., McCullough, B. F., Reliability Assessment of Concrete Pavement Sawing, Infrastructure Management Conference, American Society of Civil Engineers, Denver, Colorado, June 21-23, 1993.
8. Kunt, M. M., McCullough, B. F., Effective Use of Statistical Analysis for Data Collection and Model Development, Infrastructure Management Conference, American Society of Civil Engineers, Denver, Colorado, June 21-23, 1993.
9. Kunt, M. M., Kunt, N., Enhancing the Use of Visual Aids in Engineering Presentations, 1993 Centennial-Year Meeting, American Society for Engineering Education, The University of Texas at Austin, April 1-2, 1993.

7.4 Yazılan uluslararası kitaplar veya kitaplarda bölümler

1. Aghayan, I., Noii, N., Kunt, M., 2012, Fuzzy C-means Clustering Based on Clustering Algorithms for Traffic Crash Data. Chang, S.Y., Al Bahar, S.K. and Zhao, J. eds. *Advances in Civil Engineering and Building Materials*. CRC Press. pp869-874
2. Kunt, M. M., 2009, "Cyprus Government Railways", in *Civil Engineering Heritage in Europe 18th - 20th Century*, Editors Zygouris, N., Humar, G. and Zadnic, B., ISBN:978-961-6801-00-3.

7.5 Ulusal hakemli dergilerde yayınlanan makaleler

7.6 Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

1. Kunt, M. M., 2012 İnşaat Mühendisliğinde Programlama Dili ile Eğitim ve Öğrenim: Python Dilinin Ulaşım Mühendisliğinde Kullanımı, İnşaat Mühendisliğinde 100. Yıl Teknik Kongre ve Sergisi, Yıldız Teknik Üniversitesi.
2. Kunt, M. M., 2005, "Traffic Education and Research Center's Solutions to Traffic Safety", Çağdaş Yaşam ve Trafik Sempozyumu, 2-4 March 2005.
3. Kunt, M. M., 2001, "Yol Yönetimi Sisteminin Yol Güvenliğine Sağlayabileceği Faydalar", Türkiye İnşaat Mühendisliği 16. Teknik Kongresi.
4. Kunt, M. M., 1999, "Otoyolların Bakımını Azaltan Bir Çözüm : Sürekli Donatılı Beton Yol Kaplaması", Türkiye İnşaat Mühendisliği 15. Teknik Kongresi. .
5. Kunt, M. M., 1999, "Amerika Birleşik Devletleri Karayolları Kuruluşlarının İhale Yöntemleri", Türkiye İnşaat Mühendisliği 15. Teknik Kongresi.

7.7 Diğer yayınlar

1. Kunt, M. M., Tandogdu, Y., 2008, Road Network Management System Under GIS Environment, Final Report for Project BAP-A-01-14.
2. Kunt, M. M., 2003, Gazimağusa Kentinin Ulaşım Sıkıntıları ve Çözüm tavsiyeleri. Bülten, İnşaat Mühendisleri Odası (7).
3. Kunt, M. M., 2002, "Proper use of Traffic Signs in North Cyprus", Buletin of Chamber of Civil Engineers , Volume 4, Cyprus Turkish Chamber of Civil Engineers.
4. Kunt, M. M., and B. Frank McCullough, 1992. "Improved Design and Construction Procedures for Concrete Pavements based on Mechanistic Modeling Techniques, Research Report 1169-5F, Center for Transportation Research, Bureau of Engineering Research, The University of Texas at Austin.
5. Editörlük yapılan konferans bildiri kitapları:
ACE2008, Proceedings of International Conference on Advances in Civil Engineering, EMU Press, 2008, Vol. 1, Transportation Engineering.

8. Projeler

1. Eğitim Uzmanı, Trafik Güvenliği İyileştirme Programı, Avrupa Yardım Projesi 124749/D/SER/CY 2009-11
2. Yürütücü, Kunt, M. M., Road Network Management System Under GIS Environment, BAP-A-01-14, 2008.
3. Yürütücü Kunt, M. M., Defensive Driving Course Book, internal report for the Eastern Mediterranean University, 2006.
4. Araştırmacı Kunt, M. M., and B. Frank McCullough. Procedures For Concrete Pavements Based On Mechanistic Modeling Techniques. Center for Transportation Research, Research Project 1169, Research Report 1169-5F, 1992.
5. Danışmanlık, Provided consultancy to the Eastern Mediterranean Primary School teachers and pupils for developing an interactive traffic safety course which was presented by the fourth and fifth grade students. As the head of the Traffic Education and Research Center he provided relevant materials, including but not limited to safety vests, traffic safety videos, and traffic safety coloring books. Spring 2005.
6. Yapımcı, Co-produced and co-hosted a series of bi-weekly Traffic Safety television shows on EMU Television station from December 2004 to July 2005.
7. Yönetilen Bitirme Projeleri
 - a. Demir, A, Akdemir, M., Gülay, B., Uluri, İ., Çakmaklı, M. S., ve Tağmat, M. Geçitkale Belediyesi Envanter Sistemi, 2018.
 - b. Güder, M., Bürkük, M., Gülderen, E., Yıldırım, H., Sepici, A., ve Mutlu, Ö., Gezgın Satıcı Probleminin Gazimağusa'nın Köyleri için Uygulanması, 2017.
 - c. Alzaimat, S., Barçın, S., Karademir, O., an Tezel, H. Ç., Applying Travelling Salesman Problem for Visiting all the Villages of Famagusta, 2015.
 - d. Özer, A., Karlukaş, F., Şeker, A., Rajabi, and Özdil, Ş., Develop a System for Delivery Trucks by

- Implementing Travelling Salesman Problem Concept., 2014.
- e. Şenocak, C., Savran, İ., B., Karacaoluk, Y., and Çiçek, M. H., Evaluation of Transit System of Eastern Mediterranean University, 2013.
 - f. Yılmaz, Ş., T., Çetin, M., D., Karadoğan, V., and Kayadan, S., Development of a Traffic Sign Management System and Sign Manual for Famagusta Municipality Based on Turkey, UK and USA Standards, 2012.
 - g. Ortak yönetici, Aljafreh, O. S. K., Harhash, H. G. M., Turgut, M., and Al Khalili, A. A. A., Investigation of Soil Compaction and Road Repair Techniques in Cyprus, 2012.
 - h. Altınöz, N, and Çavuşoğlu, D., Investigating Feasibility of Rail Transport in North Cyprus, 2011.
 - i. Ertik, D., C., Bozkurt, M., Ünlü, M., and Ayaz, S., Sustainable Bus Transit for EMU, 2011.
 - j. Özdemir, A., and Emin, Kaan, Selecting Optimum Location for Emergency Facilities in Gazimagusa, 2011.
 - k. Mayouf, M., Cilesun, Ç., and Al-Masri, I., Designing a Pavement Management System for Municipalities in GIS Environment, 2010.
 - l. Uçanok, A., Yolcu, E., and Madalı, M., Multi-Objective Highway Alignment Optimization, 2010.
 - m. Karabekir, M., Burancan, M., and Toker., E., Designing and Intersection Improvement System, 2009.

8. Özel proje danışmanlığı

- a. Bilgin, I., 2009. Developing Road Network for Famagusta Walled City.
- b. Musa, S. D., 2009. Applying Networkx Package to Route Selection in Abuja, Nigeria.
- c. Aytun, C., 2005, "Compilation of Selected Topics in Traffic Engineering". The student conducted a literature review on selected topics in traffic engineering which included but not limited to methodologies, concepts, and practical applications.
- d. Dursun, U., 2005, "Traffic Studies Manual". In this project the student compiled the concepts, formulations, and standard forms that are needed in the selected traffic studies.
- e. Ekinci, B., 2003, "Evaluation of Traffic Safety Measures on Speeding, Alcohol Consumption and Seat Belt Use in North Cyprus". The student conducted a literature review on traffic safety strategies categorized under three essential headings: Engineering, enforcement, and education. Fall 2003.
- f. Yucel, H. G., 2002, "Mapping of Pharmacies in Gazimagusa". A web enabled map based information system was developed to show the location of pharmacies in Gazimagusa so the people looking for pharmacy on duty does not have to travel all around the city and will have lower exposure to traffic accident possibility.
- g. Ozturk, A., 2000, "Drainage and Drainage Structures". The student looked at the sufficiency of the drainage system of the EMU campus.
- h. Yılmaz, S., 2000, "Seepage Effect on Urban Areas and Drainage Systems of EMU".
- i. Arikan, R. B., 2000, "Traffic Volume and Volume of Exhaust Gases in Air at Rush Hour Traffic", The student worked on assessing the air pollution levels at the bus stops on the eastern part of the Faculty of Architecture on the EMU campus.

9. İdari Görevler

1. Doğu Akdeniz Üniversitesi Trafik Eğitimi ve Araştırma Merkezi başkanlığı 2000-günümüze
2. Komite başkanlığı, General Education Review Committee, Eastern Mediterranean University, 2005-2006.
3. Bölüm Projeye Giriş Dersinin yöneticisi, 10 sömestirde toplam 517 öğrencinin projeye giriş dersinde eğitilmesi, bölüm hocalarının hazırladığı yaklaşık 100 civarındaki proje önerilerinin derlenmesi, öğrenci gruplarının proje konularında talep oluşturmaları ve projelerin gruplara dağıtımı. 2011-2016

10. Bilimsel Kuruluşlara Üyelikler

Kıbrıs Türk Mühendis ve Mimar Odaları Birliği İnşaat Mühendisleri Odası 1986-

11. Ödüller

Amerika Birleşik Devletlerinde Yüksek Lisans eğitimi için Fulbright (CASP) bursu, 1986

12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dersin Kodu ve Adı	Haftalık Saat			Öğrenci sayısı
		Ders	Uyg.	Lab.	
2018-2019	CIVL361 Transportation Engineering	4	1	0	54
Bahar	INSA467 Toplu Taşımacılık	3	1	0	15
	CIVL565 Pavement Management Systems	3	1	0	10
	CIVL402 Capstone Project	1	1	0	5
	INSA402 Graduation Project	1	1	0	5
	CIVL600 PhD Thesis	0	0	0	2
2018-2019	CIVL361 Transportation Engineering	4	1	0	33
Güz	CIVL361 Transportation Engineering	4	1	0	40
	INSA361 Ulaşım Mühendisliği	4	1	0	31
	CIVL402 Capstone Project	2	3	3	5
	CIVL500 Master Thesis	0	0	0	1
	CIVL600 PhD Thesis	0	0	0	2
2017-2018	CIVL361 Transportation Engineering	4	1	0	36
Bahar	CIVL361 Transportation Engineering	4	1	0	44
	INSA467 Toplu Taşımacılık	3	1	0	31
	INSA402 Graduation Project	2	3	3	4
	CIVL500 Master Thesis	0	0	0	2
	CIVL600 PhD Thesis	0	0	0	1
2017-2018	CIVL361 Transportation Engineering	4	1	0	61
Güz	CIVL409 Special Topics in Civil Engineering	1	0	0	1
	CIVL467 Public Transportation	3	1	0	52
	INSA361 Ulaşım Mühendisliği	4	1	0	20
	INSA402 Graduation Project	1	1	0	6

13. Diğer iş deneyimleri

İş Deneyimi

- **Davetli çalıştay konuşmacısı, Güvenli Yol Projesi Çalıştayı, Kocaeli Büyükşehir Belediyesi 2015.**
- **Kurs konuşmacısı, "Towards efficient data analysis and visualization in Transportation Engineering: Experience with Python", Teksas Üniversitesi Austin Kampüsü Ocak 2015**
- **Kurs konuşmacısı, "Yöneticiler için Yol Güvenliği Eğitimi", Avrupa Birliği Kuzey Kıbrıs Ofisi, Lefkoşa, 2011**
- **Ziyaretçi araştırmacı, Ulaşım Araştırma Merkezi (Center for Transportation Research), Teksas Üniversitesi Austin Kampüsü Temmuz 2003**
- **Ziyaretçi araştırmacı, Ulaşım Araştırma Merkezi (Center for Transportation Research), Teksas Üniversitesi Austin Kampüsü Şubat 2001**
- **Assistant Manager of Special Projects, Teksas Eyaleti Ulaştırma Dairesi 1993-1997**
 - Designed and taught cost estimation course to the estimators of the Texas Department of Transportation
 - Introduced new methods and technology to strengthen the budgetary and estimation capabilities of the agency.
 - Provided consultation and training on engineering management systems and resource allocation to Districts and Divisions of the Texas Department of Transportation as necessary.
 - Co-developed a cost index used by senior management for budget oversight.
 - In cooperation with the Federal Highway Administration prepared and conducted a detailed survey on cost estimation process needs of Texas DOT estimators.
 - Played a key role in converting the historical bid information of English System Bid Items to Metric System Bid Items.
 - Developed interface software to allow the estimators to transfer information from PC-based estimation software(Highest) to Mainframe-based database.
 - Revised the *Estimates* section of the "Design Manual for Engineers" of the Texas Department of Transportation.
 - Modified and co-instructed course material on Preconstruction Engineering Management System (PEMS) to the employees of the Texas Department of Transportation.
 - Worked on resource allocation study for department-wide staffing decisions.
 - Assisted in introducing project management software that has streamlined the highway project design procedures of the Texas Department of Transportation.

- **Arařtırma Grevlisi, Teksas niversitesi Austin Kamps, Ulařım Arařtırma Merkezi, 1989-93**

Profesyonel Kurslar

- **Kurs Katılımcısı, "Facilitator Certification Training", Texas Department of Transportation, Austin, Teksas, 1997.**
- **Kurs Katılımcısı, Cost Estimation Workshop, RSMears Company, San Francisco Haziran 1996**