



# KADİR BERKHAN AKALIN

## RES. ASST. PHD

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**International Researcher IDs**

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Publons / Web Of Science ResearcherID: H-8736-2016

ScopusID: 57192207394

Yoksis Researcher ID: 56102



### Learning Knowledge

Undergraduate 2019 - Continues	Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ, Turkey
Undergraduate 2018 - Continues	Anadolu University, Faculty Of Business Administration, Department Of International Trade And Logistics Management, Turkey
Doctorate 2017 - 2022	Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Civil Engineering, Turkey
Postgraduate 2014 - 2016	Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Raylı Sistemler Anabilim Dalı (Disiplinlerarası), Turkey
Undergraduate 2009 - 2013	Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, İnşaat Mühendisliği Bölümü, Turkey

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Foreign Language, Academic Writing Support for Early-Career Researchers, Middle East Technical University, 2022  
IT, Introduction to Macroscopic Network Modelling with PTV Visum, ISSD - PTV GROUP, 2022  
IT, QGIS Açık Kaynak Kodlu Coğrafi Bilgi Sistemi Eğitimi, Yalova University, 2021

Occupational Health and Safety, İş Sağlığı ve Güvenliği, Eskişehir Osmangazi Üniversitesi, 2018  
IT, NetCAD GIS 7.0, NETCAD YAZILIM A.Ş., 2015  
Foreign Language, Yabancı Dil Eğitimi, Anadolu University, 2014  
IT, AutoCAD, AutoDESK, 2013

## Dissertations

Doctorate, Utilization of Random Regret Minimization and Random Utility Maximization Methods for Trip Generation and Attraction Modeling, Eskişehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Civil Engineering, 2022  
Postgraduate, Investigation of Factors Affecting Tram Accident Severity With Multinomial Logit Model, Eskişehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Rail Systems, 2016

## Academic Titles / Tasks

Research Assistant PhD 2022 - Continues	Eskişehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ
Research Assistant 2017 - 2022	Eskişehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ
Research Assistant 2013 - 2017	Eskişehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Raylı Sistemler Anabilim Dalı

## Supported Projects

1. Yazıcı A., Sarıççek İ., Yayan U., Karacasu M., Akalın K. B., Bozkurt Keser S., Horizon Europe Project, OPEVA - Optimization of Electric Vehicle Autonomy, 2023 - 2025
2. Akalın K. B., Guler S. I., TUBITAK Project, Utilization of Utility and Regret Based Regularized Logistic Regression Methods for Determining the Factors Affecting Hospital Trip Mode Choice, 2023 - 2024
3. Bilgiç Ş., Kara Ç., Akalın K. B., Karacasu M., Municipality, Eskişehir Tepebaşı İlçesi Hoşnudiye Mahallesi 25431 Ada 1 Parselden Geçirilecek Yolun Kent Trafikğine Etkileri Fizibilite Analizi Projesi, 2023 - 2023
4. Akalın K. B., Karacasu M., Kara Ç., Bilgiç Ş., Municipality, Eskişehir Metropolitan Municipality Feasibility Study Project of Purchasing Electric Buses to the Public Transport Fleet, 2023 - 2023
5. Akalın K. B., Bilgiç Ş., Kara Ç., Karacasu M., Municipality, Determination of Regional Taxi Demands in Eskişehir Tepebaşı and Odunpazarı Districts and Distribution of the Number of Taxi Determined for 2022 to New and Existing Stations, 2022 - 2023
6. Akalın K. B., Bilgiç Ş., Kara Ç., Karacasu M., Municipality, Kütahya Municipality Transportation Master Plan and Parking Master Plan, 2021 - 2023
7. Akalın K. B., Bilgiç Ş., Kara Ç., Karacasu M., Municipality, Eskişehir Tepebaşı ve Odunpazarı İlçeleri'ndeki Taksi İhtiyacının ve Sayısının Belirlenmesi Projesi, 2021 - 2022
8. Akalın K. B., Bilgiç Ş., Kara Ç., Karacasu M., Municipality, Eskişehir Büyükşehir Belediyesi Tepebaşı İlçesi, Kumlube Mahallesi, 16501 Parselin Ticari Tesis Olarak Değerlendirilmesi Trafik ve Ulaşım Değerlendirme Raporu, 2020 - 2021
9. Karacasu M., Bilgiç Ş., Akalın K. B., Kara Ç., Municipality, Transferring and Analysis of Şarköy District Emergency Action Transportation and Traffic Improvement Survey and Plan to Geographical Information Systems, 2019 - 2020
10. ÖZDEN A., KARA Ç., AKALIN K. B., KARACASU M., Project Supported by Higher Education Institutions, Asphalt Betonu

- Sürtünme Özelliklerinin Belirlenmesi, 2018 - 2020
11. Özden A., Akalın K. B., Karacasu M., Kara Ç., Project Supported by Higher Education Institutions, Asphalt Betonu Sürtünme Özelliklerinin Belirlenmesi (Determination of Asphalt Concrete Skid Resistance and Friction Properties), 2018 - 2019
  12. Akalın K. B., Karacasu M., Project Supported by Higher Education Institutions, Evaluation of the Performance of Surface Coatings Modified with Environmental Wastes on Highways in the Context of Aggregate Bitumen Relationship, 2016 - 2019
  13. Akalın K. B., Bilgiç Ş., Karacasu M., Kara Ç., Municipality, ESTRAM İki Eylül Campus Tramline Construction Feasibility Study, 2018 - 2018
  14. Akalın K. B., Bilgiç Ş., Karacasu M., Kara Ç., Municipality, ESTRAM 71 Evler - City Hospital and Opera - Kumlubele (New Police Department Building) Lines Feasibility Study, 2017 - 2017
  15. Akalın K. B., Karacasu M., Bilgiç Ş., Kara Ç., Project Supported by Other Private Institutions, Eskişehir ESPARK Shopping Center Traffic and Parking Assessment Report, 2017 - 2017
  16. Akalın K. B., Karacasu M., Bilgiç Ş., Municipality, Eskişehir Metropolitan Municipality Determination of Transportation Price for D4 Authorized Vehicles Project, 2017 - 2017
  17. Karacasu M., Bilgiç Ş., Kara Ç., Akalın K. B., Municipality, ESKİŞEHİR BÜYÜKŞEHİR BELEDİYESİ ULAŞTIRMA ANA PLANI REVİZYONU ORTAK HİZMET PROJESİ, 2015 - 2017
  18. Karacasu M., Akalın K. B., Altın Yavuz A., Premiership, Trafik Güvenliği Algısı Ölçme ve Değerlendirme, 2016 - 2016

## Awards

1. Akalın K. B., Guler S. I., 1st Place – Audience Poster Session, 16Th Annual Postdoctoral Research Symposium, The Pennsylvania State University, December 2023
2. Akalın K. B., Kara Ç., Özden A., Best Paper Award, 3. Ulaştırma Ve Lojistik Ulusal Kongresi, November 2019
3. Akalın K. B., Highest Ranked Student of The Engineering and Architecture Faculty , Eskişehir Osmangazi Üniversitesi, July 2013

## Scholarships

2219 Yurtdışı Doktora Sonrası Araştırma Bursu, TÜBİTAK, 2023 - 2024  
Undergraduate Merit Scholarship, University, 2010 - 2013

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

1. **Factors Influencing Transportation Mode Preferences for Educational Trips Among Dormitory Resident University Students in Kütahya, Türkiye**  
Peker R., Yardım M. S., Akalın K. B.  
SUSTAINABILITY, vol.16, no.22, pp.1-13, 2024 (SCI-Expanded)

## Articles Published in Other Journals

1. **Investigating Motorcycle Accidents in the Presence of Carriageway Hazards**  
AKALIN K. B.  
Academic Platform Journal of Natural Hazards and Disaster Management, vol.4, 2023 (Peer-Reviewed Journal)
2. **Enhancing Sustainability in Asphalt Concrete: Utilizing Ceramic Cake Waste and Performance Analysis**  
KARACASU M., Wafaie Z., AKALIN K. B.  
Firat University Journal of Experimental and Computational Engineering, vol.2, no.3, pp.104-116, 2023 (Peer-

Reviewed Journal)

3. **Çevresel Atıklarla Modifiye Edilmiş Sathi Kaplamaların Performansının Agregat-Bitüm İlişkisi Bağlamında Değerlendirilmesi**  
Karacasu M., Akalın K. B.  
Fırat Üniversitesi Mühendislik Bilimleri Dergisi, vol.32, no.1, pp.127-132, 2020 (Peer-Reviewed Journal)
4. **Investigation of the Effects of Accessible Traffic Calming and Flow Improvement Applications on Traffic**  
AKALIN K. B., KARA Ç., ÖZDEN A.  
Journal of Transportation and Logistics, vol.4, no.2, pp.107-118, 2019 (Peer-Reviewed Journal)
5. **ITS Applications in Public Transportation: What Municipalities Offer to Travelers in Turkey**  
ÖZDEN A., AKALIN K. B., KARA Ç.  
Journal of Transportation and Logistics, vol.4, no.2, pp.51-64, 2019 (Peer-Reviewed Journal)
6. **Visual Landscape Assessments in Road Project**  
BİLGİÇ Ş., AKALIN K. B., KARA Ç.  
International Journal of Interdisciplinarity in Theory And Practice, vol.1, no.10, pp.66-72, 2016 (Peer-Reviewed Journal)
7. **Time Series Analysis of Number of Road Motor Vehicles in Turkey**  
KARACASU M., AKALIN K. B., ERGÜL B.  
International Journal of Civil And structural Engineering, vol.3, no.1, pp.214-216, 2016 (Peer-Reviewed Journal)
8. **Curve Estimation of Rail Based Passenger Transportation in Turkey**  
Akalın K. B., Karacasu M., Ergül B.  
International Journal of Civil And structural Engineering, vol.3, no.1, pp.217-218, 2016 (Peer-Reviewed Journal)
9. **Genleştirilmiş Perlit Agregalı Asfalt Betonunun Performans Özelliklerinin İncelenmesi**  
KARA Ç., KARACASU M., CANBAZ M., AKALIN K. B.  
Electronic Journal Of Occupational Improvement And Research, vol.1, pp.133-142, 2015 (Peer-Reviewed Journal)
10. **Beton Kaldırım Taşları Ve Yol Kaplama Yüzeylerinde Meydana Gelen Kirliliklerin Uv Güneş Işınları İle Temizlenmesi**  
AKALIN K. B., ÖZMEN P., TİFTİKÇİ C., CANBAZ M., BİLGİÇ Ş., KARA Ç.  
Electronic Journal Of Occupational Improvement And Research, vol.1, pp.150-161, 2015 (Peer-Reviewed Journal)

## Books & Book Chapters

1. **A Review and Evaluation of Mobility as a Service and Integrated Transportation Systems**  
Peker R., Akalın K. B., Yardım M. S.  
in: Current Research and Solutions in Civil Engineering, Erkan Polat, Editor, Bidge Publications, Ankara, pp.149-173, 2024
2. **Improving Accuracy and Reliability in Traffic Accident Severity Analysis Utilizing Robust Logistic Ridge Regression**  
Akalın K. B., Altın Yavuz A., Karacasu M.  
in: Modern Approaches to Traffic Safety and Sound Insulation, Kurtuluş Artık, Editor, Bidge Publications, Ankara, pp.4-43, 2024
3. **Atık Lastik Modifiyeli Asfalt Kaplamaların Kayma Ve Sürtünme Direnci Performanslarının İncelenmesi**  
AKALIN K. B., ÖZDEN A., KARA Ç., KARACASU M.  
in: Mühendislik Alanında Uluslararası Araştırmalar IV, Altın Mustafa, Editor, Eğitim Yayınevi, Konya, pp.31-46, 2022
4. **The Use of Current Regression Techniques In The Estimation of School Based Trips**  
KARA Ç., ALTIN YAVUZ A., KARACASU M., AKALIN K. B.  
in: Current Debates In Sustainable Architecture Urban Design & Environmental Studies, ASLI DOĞAN, GÜNAY GÖNÜLLÜ, Editor, IJOPEC PUBLICATION, Londrina, pp.111-119, 2018
5. **Evaluation of Scenic Route Choice Factors**

KARA Ç., BİLGİÇ Ş., AKALIN K. B.

in: Advances and Trends in Engineering Sciences and Technologies II, Mohamad Al Ali, Peter Platko, Editor, CRC Press Taylor & Francis Group, Leiden, pp.773-778, 2016

## Refereed Congress / Symposium Publications in Proceedings

1. **How Infrastructure Satisfaction and Safety Perceptions Affect University Students' Transportation Decisions?**  
Peker R., Akalın K. B., Yardım M. S.  
Tokyo 9th International Innovative Studies & Contemporary Scientific Research Congress, Tokyo, Japan, 10 - 11 October 2024, pp.1-5
2. **Understanding Factors Affecting Energy Consumption in Urban Metro Systems: A Data-Driven Case Study of İzmir, Türkiye**  
Akalın K. B., Kara Ç.  
Tokyo 9th International Innovative Studies & Contemporary Scientific Research Congress, Tokyo, Japan, 10 - 11 October 2024, pp.1-5
3. **Analysis of Factors Affecting the Number of Motorcycle Accidents Using Lasso Regression**  
Akalın K. B., Peker R., Yardım M. S.  
Trafik Mühendisliği Sempozyumu, Ankara, Turkey, 23 - 24 May 2024, pp.1-16
4. **Health-Related Travel Mode Choice in Focus: Confronting Imbalance with Random Forest and Binary Logit Models**  
Akalın K. B., Guler S. I.  
Annual Postdoctoral Research Symposium at Penn State, Pennsylvania, United States Of America, 08 December 2023, pp.1
5. **Tren Arızalarının Demiryolu İşletme Performanslarına Etkilerinin İncelenmesi**  
AKALIN K. B., Boyacıoğlu P.  
Raylı Sistemler Kongre ve Sergisi, Eskişehir, Turkey, 02 November 2023
6. **Evaluation of Ceramic Cake Waste in Asphalt Concrete**  
Karacasu M., Wafaie Z., Akalın K. B.  
International Conference on Advances and Innovations in Engineering, Elazığ, Turkey, 21 - 23 September 2023, pp.1-10
7. **The Effects of The Hazard on Road and Road Type on The Motorcycle Accident Frequency**  
Akalın K. B.  
6th International Symposium on Natural Hazards and Disaster Management, Bursa, Turkey, 21 - 23 October 2022, pp.1-2
8. **How Do Adverse Weather Conditions Affect Demands on Urban Transport Systems?**  
Akalın K. B.  
6th International Symposium on Natural Hazards and Disaster Management, Bursa, Turkey, 21 - 23 October 2022, pp.3-4
9. **Investigating Skid Resistance Performance of The Waste Rubber Added Rigid And Flexible Pavements**  
AKALIN K. B., ÖZDEN A., KARA Ç., KARACASU M.  
International Aegean Symposium on Innovation Technologies Engineering, İzmir, Turkey, 15 - 16 February 2020
10. **Safety And Data Acquisition Recommendations or The Near Future of Bicycle Transportation in Turkey**  
AKALIN K. B., KARA Ç., ÖZDEN A., SAYGIN S., TAVAS B.  
International Aegean Symposium on Innovation Technologies Engineering, İzmir, Turkey, 15 - 16 February 2020
11. **Kent İçi Toplu Taşımada Akıllı Ulaşım Sistemlerinin Değerlendirilmesi**  
ÖZDEN A., AKALIN K. B., KARA Ç.  
3. Ulaştırma ve Lojistik Ulusal Kongresi, Gaziantep, Turkey, 28 - 29 November 2019, pp.101-103

12. **Erişilebilir Trafik Sakinleştirme ve Akım İyileştirme Uygulamalarının Trafiğe Olan Etkilerinin İncelenmesi**  
AKALIN K. B., KARA Ç., ÖZDEN A.  
3. Ulaştırma ve Lojistik Ulusal Kongresi, Gaziantep, Turkey, 28 - 29 November 2019, pp.123-125
13. **Use of Boron Waste in Asphalt Concrete**  
KESKİN M., KARACASU M., AKALIN K. B.  
International Symposium on Innovations in Civil Engineering and Technology (ICIVILTECH 2019, Afyonkarahisar, Turkey, 23 - 25 October 2019
14. **Akıllı Ulaşım Sistemlerinin Dünü, Bugünü ve Yarını: Bir Türkiye Değerlendirmesi**  
ÖZDEN A., KARA Ç., AKALIN K. B., KOYUNCU S.  
13. Ulaştırma Kongresi, Erzurum, Turkey, 10 - 12 October 2019
15. **Eskişehir'deki Kent İçi Bisiklet Kazalarının İncelenmesi**  
AKALIN K. B., KARA Ç., ÖZDEN A., KARACASU M.  
13. Ulaştırma Kongresi, Erzurum, Turkey, 10 - 12 October 2019, vol.1, pp.197-209
16. **Yol Kenarı ve Refüj Hendeklerinde Kendi Kendini Temizleme Uygulamasının Değerlendirilmesi**  
AKALIN K. B., CANBAZ M., ÖZDEN A., KARA Ç., BİLGİÇ Ş.  
International Symposium on Urban Water and Wastewater Management, Denizli, Turkey, 25 - 27 October 2018, pp.952-959
17. **Poroz Asfalt Kaplamaların Sürdürülebilir Çevre Kapsamında Değerlendirilmesi**  
KARA Ç., ÖZDEN A., AKALIN K. B., KARACASU M.  
International Symposium on Urban Water and Wastewater Management, Denizli, Turkey, 25 - 27 October 2018, pp.936-943
18. **Mathematica Blocks for Optimal Route Design**  
AKALIN K. B., ÖZBAŞARAN H.  
XIII Balkan Conference on Operational Research, Belgrade, Serbia, 25 - 28 May 2018, pp.51
19. **Investigation of the Factors Affecting the Severity of Tramway Accidents in Eskişehir**  
AKALIN K. B., TEZCAN H. O., BİLGİÇ Ş.  
XIII Balkan Conference on Operational Research, Belgrade, Serbia, 25 - 28 May 2018, pp.406-413
20. **Evaluation of Traffic Perception with Robust Regression Analysis**  
AKALIN K. B., ALTIN YAVUZ A., KARACASU M., ERGÜL B.  
XIII Balkan Conference on Operational Research, Belgrade, Serbia, 25 - 28 May 2018, pp.414-421
21. **Effects of Waste Rubber and Glass Fiber Modified Bitumen on Asphalt Concrete**  
KARACASU M., YILDIRIM Z. B., AKALIN K. B.  
7th International Conference on Advanced Technologies, Antalya, Turkey, 28 April - 01 May 2018, pp.982-985
22. **Utilization of Expert Systems for the Evaluation of Traffic Data Collection Places**  
AKALIN K. B., ÖZDEN A., KARA Ç.  
Innovation and Global Issues in Social Sciences III, 26 - 29 April 2018
23. **Examination of the Effects of Shifting Road Freight Transport to High-Speed Rail to Level of Service**  
AKALIN K. B., ÖZDEN A., KARACASU M., YILDIZ Ö., KARALOM Z.  
Innovation and Global Issues in Social Sciences III, 26 - 29 April 2018
24. **Analysis Antalya Province Traffic Accidents by Log-Linear Analysis**  
AKALIN K. B., KARACASU M., ERGÜL B., ALTIN YAVUZ A.  
3. International Conference on Civil and Environmental Engineering, 24 - 27 April 2018
25. **The Use of Current Regression Techniques in the Estimation of School Based Trips**  
KARA Ç., ALTIN YAVUZ A., BİLGİÇ Ş., AKALIN K. B.  
7. International Congress on Current Debates in Social Sciences, 19 - 21 April 2018
26. **Kent İçi Trafik Sayımlarında Düşük Maliyetli Kameraların Performansının Araştırılması**  
KARAGÖZ Ö., AKALIN K. B.  
TRANSİST ULUSLARARASI İSTANBUL ULAŞIM KONGRESİ VE FUARI, İstanbul, Turkey, 2 - 03 November 2017
27. **Effect of Waste Water of Boron Industry on Mortar Properties**  
BİLGİÇ Ş., CANBAZ M., KARA Ç., AKALIN K. B.

15th International Conference on Environmental Science And Technology, Rodos, Greece, 31 August - 02 September 2017

28. **The Effect of Asphalt Plant Waste on Asphalt Concrete Performance**  
KARACASU M., AKALIN K. B., YAVUZ C. S.  
IASTEM - 229TH INTERNATIONAL CONFERENCE ON CIVIL AND ARCHITECTURAL ENGINEERING (ICCAE), BRÜKSEL, Belgium, 14 - 15 August 2017
29. **Application of Fuzzy Logic For Mode Choice Modelling in Urban Transportation**  
KARA Ç., TEZCAN H. O., AKALIN K. B., KARACASU M.  
2nd INTERNATIONAL CONFERENCE ON ECONOMICS BUSINESS MANAGEMENT AND SOCIAL SCIENCES, BELGRAT, Montenegro, 10 - 14 May 2017
30. **Investigation of the Effects of Compaction Methods on Performance Properties of Asphalt Concrete**  
KARACASU M., AKALIN K. B., KARA Ç.  
2nd International Conference on Civil and Environmental Engineering, Nevşehir, Turkey, 8 - 10 May 2017
31. **Investigation of the Effects on the Traffic Percetion of Regional Differences in Eskişehir**  
KARACASU M., ALTIN YAVUZ A., AKALIN K. B.  
2nd International Conference on Civil and Environmental Engineering, Nevşehir, Turkey, 8 - 10 May 2017
32. **Investigation of the Effect on the Traffic Perception of Regional Differences in Eskişehir**  
KARACASU M., ALTIN YAVUZ A., AKALIN K. B.  
ICOCEE-CAPPADOCIA 2017, 8 - 10 May 2017
33. **Investigation of the Applicability of the Telfher System for Eskişehir Province**  
AKALIN K. B., BİLGİÇ Ş., KARA Ç., KARACASU M.  
INNOVATION AND GLOBAL ISSUES IN SOCIAL SCIENCES, Antalya, Turkey, 27 - 29 April 2017
34. **Effect of Headway On Urban Traffic and Evaluation With Simulation Technique: Eskişehir Case Study**  
KARA Ç., BİLGİÇ Ş., AKALIN K. B., KARACASU M.  
INNOVATION AND GLOBAL ISSUES IN SOCIAL SCIENCES, Antalya, Turkey, 27 - 29 April 2017
35. **Evaluation of scenic route choice factors**  
KARA Ç., Bilgic S., AKALIN K. B.  
2nd International Conference on Engineering Sciences and Technologies (ESaT), Slovakia, 29 June - 01 July 2016, pp.773-778
36. **Investigation of application of scenic byways in Turkey**  
KARA Ç., BİLGİÇ Ş., AKALIN K. B.  
2nd International Conference on Engineering Sciences and Technologies, Poprad, Slovakia, 29 June - 01 July 2016
37. **Genleştirilmiş Perlit Agregalı Asfalt Betonunun Performans Özelliklerinin İncelenmesi**  
KARA Ç., KARACASU M., CANBAZ M., AKALIN K. B.  
International Workshop On I. Construction and Electricity Applications On Vocational Education, Eskişehir, Turkey, 30 November - 01 December 2015, pp.97-107
38. **Curve Estimation of Number of People Killed in Traffic Accidents in Turkey**  
AKALIN K. B., Karacasu M., ALTIN YAVUZ A., ERGÜL B.  
World Multidisciplinary Earth Sciences symposium (WMESS), Prague, Czech Republic, 5 - 09 September 2016, vol.44
39. **Traffic Perception in Eskisehir Province**  
Karacasu M., ALTIN YAVUZ A., ERGÜL B., AKALIN K. B.  
World Multidisciplinary Earth Sciences symposium (WMESS), Prague, Czech Republic, 5 - 09 September 2016, vol.44
40. **Beton kaldırım taşları ve yol kaplama yüzeylerinde meydana gelen kirliliklerin uv güneş ışınları ile temizlenmesi**  
AKALIN K. B., ÖZMEN P., TİFTİKÇİ C., CANBAZ M., BİLGİÇ Ş., KARA Ç.  
IWCEA2015, 30 November - 01 December 2015

## Courses

Technical Drawing, Undergraduate, 2024 - 2025  
Transportation Project, Undergraduate, 2024 - 2025  
Calculus I, Undergraduate, 2024 - 2025, 2022 - 2023  
Technical Drawing I, Undergraduate, 2024 - 2025  
Engineering Research on Railway Structures Cost, Undergraduate, 2024 - 2025  
Calculus II, Undergraduate, 2022 - 2023, 2021 - 2022  
Engineering Reserches of Highway Engineering, Undergraduate, 2022 - 2023, 2021 - 2022  
Engineering Researches of Highway Engineering, Undergraduate, 2022 - 2023, 2021 - 2022  
Computer Aided Drawing, Undergraduate, 2022 - 2023, 2021 - 2022  
Basic Computer Sciences, Undergraduate, 2022 - 2023, 2021 - 2022  
Discrete Choice Models, Postgraduate, 2022 - 2023  
Introduction to Civil Engineering, Undergraduate, 2022 - 2023  
Technical Drawing, Undergraduate, 2022 - 2023  
Technical Drawing, Undergraduate, 2022 - 2023

## Advising Theses

Yardımcı M. S., Akalın K. B., Üniversite Öğrencilerinin Ulaşım Davranış Modelleri, Doctorate, R.Peker(Student), Continues  
Karacasu M., Akalın K. B., Yer seramik atıklarının asfalt betonunun performans özelliklerine etkisi, Postgraduate, N.BUKET(Student), 2023

## Activities in Scientific Journals

International Journal of Engineering Research and Development, Editor, 2024 - Continues

## Scientific Refereeing

Demiryolu Mühendisliği, National Scientific Refreed Journal, November 2024  
International Journal of Engineering Research and Development, Other Indexed Journal, May 2024  
JOURNAL OF URBAN PLANNING AND DEVELOPMENT, Journal Indexed in SCI-E, April 2024  
International Advanced Researches and Engineering Journal, National Scientific Refreed Journal, November 2023  
Journal of Transportation and Logistics, Other Indexed Journal, November 2023  
Raylı sistemler Kongre ve sergisi, Conference Paper (Full Text), October 2023  
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, National Scientific Refreed Journal, October 2023  
JOURNAL OF URBAN PLANNING AND DEVELOPMENT, Journal Indexed in SCI-E, August 2023  
JOURNAL OF URBAN PLANNING AND DEVELOPMENT, Journal Indexed in SCI-E, May 2023  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, May 2023  
JOURNAL OF URBAN PLANNING AND DEVELOPMENT, Journal Indexed in SCI-E, April 2023  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, April 2023  
Eskişehir Osmangazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, National Scientific Refreed Journal, March 2023  
Nicel bilimler dergisi (Online), National Scientific Refreed Journal, October 2022  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, September 2022  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, July 2022  
Academic Platform Journal of Natural Hazards and Disaster Management, Other Indexed Journal, June 2022  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, June 2022  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, May 2022



Journal of Innovations in Civil Engineering and Technology, Other Indexed Journal, May 2022  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, March 2022  
GAZİ MÜHENDİSLİK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, March 2022  
Akıllı Ulaşım Sistemleri ve Uygulamaları Dergisi, Other Journals, March 2022  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, February 2022  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, January 2022  
Mühendislik ve Yer Bilimleri Dergisi, Other Journals, January 2022  
Journal of Transportation and Logistics, Other Indexed Journal, October 2021  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, August 2021  
International Advanced Researches and Engineering Journal, Other Indexed Journal, July 2021  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, July 2021  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, June 2021  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, June 2021  
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, Other Indexed Journal, June 2021  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, April 2021  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, March 2021  
Türkiye İnsansız Hava Araçları Dergisi, Other Indexed Journal, March 2021  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, March 2021  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, December 2020  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, December 2020  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, December 2020  
Türkiye İnsansız Hava Araçları Dergisi, Other Indexed Journal, November 2020  
Academic Platform Journal of Natural Hazards and Disaster Management, Other Indexed Journal, November 2020  
International Journal of Engineering Research & Development, Other Indexed Journal, November 2020  
Academic Platform Journal of Natural Hazards and Disaster Management, Other Indexed Journal, October 2020  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, October 2020  
Journal of Aviation Research, Other Indexed Journal, September 2020  
Balkan Journal of Electrical and Computer Engineering, Other Indexed Journal, September 2020  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, August 2020  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, February 2020  
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, January 2020  
Demiryolu Mühendisliği, Other Indexed Journal, February 2019

## Mobility Activity

Post Doc, Post Doc, The Pennsylvania State University, United States Of America, 2023 - 2024

## Metrics

Publication: 56

Citation (WoS): 4

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1

## Congress and Symposium Activities

6th International Symposium on Natural Hazards and Disaster Management, Attendee, Bursa, Turkey, 2022

Innovate2030-Digital Natives for Sustainable Cities and Communities, Attendee, Frankfurt, Germany, 2022  
International Aegean Symposiums, Attendee, İzmir, Turkey, 2020  
3rd Transport and Logistics National Congress, Attendee, Gaziantep, Turkey, 2019  
Chamber of Civil Engineers 13th Transportation Congress, Attendee, Erzurum, Turkey, 2019  
Uluslararası Kentsel Su ve Atıksu Yönetimi Sempozyumu , Attendee, Denizli, Turkey, 2018  
XIII Balkan Conference on Operational Research, Attendee, Belgrade, Serbia, 2018  
Innovation and Global Issues Congress III, Session Moderator, Antalya, Turkey, 2018  
3. International Conference on Civil and Environmental Engineering, Session Moderator, İzmir, Turkey, 2018  
Transist 2017 International Istanbul Transportation Congress and Fair, Attendee, İstanbul, Turkey, 2017  
Innovation and Global Issues Congress I, Attendee, Antalya, Turkey, 2017  
World Multidisciplinary Earth Sciences Symposium, Attendee, Praha, Czech Republic, 2016  
3rd International Conference On Advances In Civil, Structural And Construction Engineering, Attendee, Rome, Italy, 2015  
1st International Workshop on Construction and Electricity Applications on Vocational Education, Attendee, Eskişehir, Turkey, 2015

## Research Areas

Civil Engineering, Transportation Engineering, Highways, Transportation Engineering, Railways Engineering (railroads, metro, etc.), Traffic Engineering, Road Materials

## Representation and Promotion Activities

Institutional Representation, British Embassy Ankara, Turkey, Ankara, 2024 - 2024

## Non Academic Experience

Professional Chamber, TMMOB İnşaat Mühendisleri Odası, Eskişehir Şubesi  
Professional Chamber, TMMOB İnşaat Mühendisleri Odası, Eskişehir Şubesi