

**GÜZİN  
AKYILDIZ  
ALÇURA**

**ASST. PROF.**

Email : [akyildiz@yildiz.edu.tr](mailto:akyildiz@yildiz.edu.tr)

Other Email :

[guzinakyildiz@gmail.com](mailto:guzinakyildiz@gmail.com)

Office Phone : [+90 212 383  
5188](tel:+902123835188)

**International Researcher  
IDs**

ScholarID: X4tk9y4AAAAJ

ORCID: 0000-0001-7424-  
2764

Publons / Web Of Science

ResearcherID: AAZ-6739-  
2020

ScopusID: 57193232052

Yoksis Researcher ID: 174338



## Learning Knowledge

Doctorate 2003 - 2010	Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey
Postgraduate 2000 - 2003	Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey
Undergraduate 1994 - 1999	Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey

## Foreign Languages

English, C1 Advanced

## Certificates, Courses and Trainings

Vocational Training, Müdek Engineering Education Programs Evaluation and Accreditation Association-Workshop,  
Müdek Engineering Education Programs Evaluation and Accreditation Association, 2015

Vocational Training, Uygulamalı Ar-Ge Proje Yazımı ve Yönetimi, Yıldız Teknik Üniversitesi, 2013

Vocational Training, Sidra Intersection-Introduction and Intermedaite Workshop, Sidra Solutions, 2010

Vocational Training, Sidra Intersection-Intersection Analysis Workshop, Sidra Solutions, 2010

## Dissertations

Doctorate, AIRPORT GATE ASSIGNMENT PROBLEM FOR MINIMIZING THE BAGGAGE TRANSPORTATION TIMES, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, İnşaat/Ulaştırma, 2010

Postgraduate, OBSERVED FEATURES OF TRAFFIC FLOWS IN TOLL PLAZA OF BOSPORUS BRIDGE, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, İnşaat/Ulaştırma, 2003

## Academic Titles / Tasks

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Assistant Professor 2013 - Continues	Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department
Research Assistant PhD 2011 - 2013	Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department
Research Assistant 2000 - 2011	Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department

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## Supported Projects

1. AKYILDIZ ALÇURA G., YILMAZ M. O., KUŞAKCI GÜNDOĞAR S. Ş., Varer A., KARADAĞ T., DEĞER ŞİTİLBAY B., SARAÇOĞLU A., MALTAŞ A., GÖLBAŞI ŞİMŞEK G., Project Supported by Higher Education Institutions, Engelli Bireyler için İstanbul Şehir içi Otobüs Taşımacılığı Hizmet Kalitesi Ölçümü, 2022 - 2023
2. Gürsoy M., Akyıldız Alçura G., Kuşakcı Gündoğar S. Ş., Tanrıverdi C., Project Supported by Higher Education Institutions, Investigation of Mode Selection Decisions in Ankara-Istanbul Trips, 2015 - 2017
3. Yardım M. S., Akyıldız Alçura G., Project Supported by Higher Education Institutions, A Research on Parking in Campus Type Settlements and Parking Problems in YTU Main Campus, 2011 - 2016
4. Akyıldız Alçura G., Gürsoy M., Gölbaşı Şimşek G., TUBITAK Project, Investigation of Effective Parameters by Measuring Service Quality and Satisfaction in Ankara-Eskişehir High Speed Train Line, 2014 - 2015
5. Gürsoy M., Akyıldız Alçura G., Project Supported by Higher Education Institutions, Optimization in Air Transportation: Atatürk Airport Gate Assignment Simulation, 2007 - 2009
6. Akyıldız Alçura G., Şahin İ., Gedizlioğlu E., Zorer A., Project Supported by Higher Education Institutions, Uzun Otoyol Kuyruklarının İncelenmesi ve İyileştirilme Stratejilerinin Araştırılması, 2006 - 2007
7. Şahin İ., Akyıldız Alçura G., Zorer A., Gedizlioğlu E., TUBITAK Project, Analysis of Long Freeway Queues and Exploring the Strategies for Improvement, 2002 - 2004

## Designed Lessons

Akyıldız Alçura G., Service Quality in Public Transportation Systems, Postgraduate, 2017 - 2018

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

- 1. Understanding Electric Vehicle Adoption in Türkiye: Analyzing User Motivations Through the Technology Acceptance Model**  
Bektaş B. C., Akyıldız Alçura G.  
SUSTAINABILITY, vol.16, no.21, pp.1-22, 2024 (SCI-Expanded)
- 2. BAYESIAN NETWORKS AND STRUCTURAL EQUATION MODELLING TO INVESTIGATE THE PASSENGERS' PERCEPTIONS IN HIGH-SPEED RAIL SYSTEMS**  
Karadağ T., Gölbaşı Şimşek G., Akyıldız Alçura G.  
TRANSPORT, vol.39, no.1, pp.64-85, 2024 (SCI-Expanded)
- 3. Impact Score Technique for Analyzing the Service Quality of a High-Speed Rail System**  
Alçura G., Kusakci S. Ş., Simsek G., Gürsoy M., Tanriverdi S. C.  
TRANSPORTATION RESEARCH RECORD, no.2541, pp.64-72, 2016 (SCI-Expanded)
- 4. Bosphorus Bridge toll plaza in Istanbul, Turkey - Upstream and downstream traffic features**  
Sahin I., Akyıldız G.  
INTELLIGENT TRANSPORTATION SYSTEMS AND VEHICLE-HIGHWAY AUTOMATION 2005, pp.99-107, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- 1. Public Bus Transportation Systems During the Pandemic: Barriers For Passengers with Disabilities**  
Varer A., Akyıldız Alçura G.  
İdealkent, vol.16, no.43, pp.153-179, 2024 (Peer-Reviewed Journal)
- 2. Determinants of passenger loyalty for high speed rail system in Turkey**  
AKYILDIZ ALÇURA G., GÖLBAŞI ŞİMŞEK G., KUŞAKCI GÜNDOĞAR S. Ş., TANRIVERDİ S. C., GÜRSOY M.  
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.2, pp.760-781, 2021 (Peer-Reviewed Journal)
- 3. Impact Score Technique and Servqual Comparison for Public Transportation Service Quality**  
Akyıldız Alçura G., Kuşakcı Gündoğar S. Ş., Tanriverdi S. C., Gölbaşı Şimşek G., Gürsoy M.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.38, no.2, pp.715-726, 2020 (ESCI)
- 4. An Analysis for Mode Choice Preferences Between Ankara and Istanbul**  
Gürsoy M., Kuşakcı Gündoğar S. Ş., Tanriverdi S. C., Akyıldız Alçura G.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.38, no.4, pp.727-739, 2020 (ESCI)
- 5. A New Gate Assignment Policy And The Effect Of Gate Occupancy Time On The Level Of Service At Airport Terminals**  
AKYILDIZ ALÇURA G., GÜRSOY M.  
Journal of The Brazilian Air Transportation Research Society, vol.10, no.1, 2014 (Peer-Reviewed Journal)

## Books & Book Chapters

- 1. Revisiting Public-Private Partnerships - Lessons from Covid-19**  
Gürkün A. P., Koç K., Akyıldız Alçura G., Gürsoy M.  
in: Revisiting Public-Private Partnerships - Lessons from Covid-19, Tharun Dolla, Boeing Laishram, Ganesh Devour, Editor, Springer, London/Berlin, Zug, pp.195-211, 2023
- 2. Transportation**  
Akyıldız Alçura G., Yardım M. S.  
in: Sustainable Campus Report 2020, PROF. DR. ÇİĞDEM POLATOĞLU, PROF. DR. FÜSUN BALIK ŞANLI, DOÇ. DR. GÖKÇE TUNA TAYGUN, Editor, Yıldız Yayınları, İstanbul, pp.43-52, 2021
- 3. ULAŞIM**  
Akyıldız Alçura G., Yardım M. S.  
in: YTÜ SÜRDÜRÜLEBİLİR KAMPÜS RAPORU 2020, PROF. DR. FÜSUN BALIK ŞANLI, PROF. DR. ÇİĞDEM POLATOĞLU, DOÇ. DR. GÖKÇE TUNA TAYGUN, Editor, Yıldız Yayınları, İstanbul, pp.43-52, 2021

## Refereed Congress / Symposium Publications in Proceedings

1. **Şubat 2023 Depremlerinin Bölgede Oluşturduğu Etkiler ve Yapay Zeka ile Afet Yönetim Planlaması**  
Doğan U., Yüzer N., Acar U., Akbaba M. F., Akbulut M. T., Akgün C., Akın O., Akkaya H. C., Akpınar B., Aktaş Z., et al.  
Türkiye Ulusal Jeodezi Komisyonu (TUJK) XXII. Sempozyumu 2023, Trabzon, Turkey, 29 November - 01 December 2023, pp.5-6
2. **A Methodology to Improve Public Transit Service Quality Through Transit Signal Priority: A Case Study on Istanbul**  
Alhatemı F., Akyıldız Alçura G.  
2nd GLOBAL CONFERENCE on ENGINEERING RESEARCH, İstanbul, Turkey, 7 - 11 September 2022, pp.298-308
3. **Research on Travel Barriers of Persons with Disabilities Using Istanbul City Bus Transportation Service**  
Varer A., Akyıldız Alçura G.  
4th International Congress on Engineering, Architecture and Design, İstanbul, Turkey, 23 - 24 April 2019, pp.381-388
4. **IMPACT SCORE TECHNIQUE FOR ANALYZING THE SERVICE QUALITY OF HIGH SPEED RAIL SYSTEM**  
Akyıldız Alçura G., Kuşakcı S. Ş., Gölbaşı Şimşek G., Gürsoy M., Tanrıverdi S. C.  
Transportation Research Board 95th Annual Meeting, District Of Columbia, United States Of America, 10 - 14 January 2016, pp.10-20
5. **The Role and Quality of Public Transport in Urban Planning**  
Gürsoy M., Akyıldız Alçura G.  
Elektrikli Raylı Ulaşım Sistemleri Sempozyumu ERUSİS, TMMOB EMO-Elektrik Mühendisleri Odası Eskişehir Şubesi, Eskişehir, Turkey, 14 June 2013, pp.87-101
6. **A Study on Airport Gate Assignment Problem**  
Akyıldız Alçura G., Gürsoy M.  
7. Ulusal Ulaştırma Kongresi, İstanbul, Turkey, 19 - 21 September 2007, pp.165-174
7. **Havaalanı İşletimi Optimizasyonu**  
Akyıldız Alçura G., Gürsoy M.  
YTÜ İnşaat fakültesi 1. Proje Çalıştayı, İstanbul, Turkey, 01 March 2007, pp.35-46
8. **Uzun Otoyol Kuyruklarının İncelenmesi ve İyileştirme Stratejilerinin Araştırılması**  
Şahin İ., Akyıldız Alçura G., Gedizlioğlu E., Adnan Z.  
TÜBİTAK Bilim, Teknoloji ve Yenilik Paylaşım Konferansı, 2006, Ankara., Ankara, Turkey, 23 - 24 September 2006, pp.1-2
9. **Intelligent Transportation Systems and Applications in Turkey**  
Yardım M. S., Akyıldız Alçura G.  
6. Ulaştırma Kongresi, İstanbul, Turkey, 23 - 25 May 2005, pp.405-414
10. **Examination of Upstream and Downstream Traffic Features of the Bosphorus Bridge Toll Plaza in Istanbul**  
Şahin İ., Akyıldız Alçura G.  
84th Annual Meeting of the Transportation Research Board, Washington, United States Of America, 8 - 10 January 2005, pp.1-23
11. **Examination of Traffic Flows in Bosphorus Bridge Toll Plaza in Istanbul**  
Şahin İ., Akyıldız Alçura G.  
Advances in Civil Engineering 2004 6th International Conference, Washington, United States Of America, 06 October 2004 - 08 January 2005, pp.1839-1849
12. **Bosphorus Bridge Toll Plaza in Istanbul Turkey Upstream and Downstream Traffic Features**  
ŞAHİN İ., AKYILDIZ ALÇURA G.  
84th Annual Meeting of the Transportation Research Board, 8 - 13 January 2005, pp.99-107
13. **How to Use the Existing Mass Transportation Systems to Solve the Transportation Problem in Istanbul?**  
Bayraktar Z., Camkesen N., Akyıldız Alçura G.

## Academic and Administrative Experience

2021 - Continues	<b>Ethics Committee Member</b>	Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department
2018 - 2022	<b>Bölüm Kalite Komisyonu Üyesi</b>	Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department
2019 - 2020	<b>Assistant Manager of Research and Application Center</b>	Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department

## Courses

Graduation Thesis, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2014 - 2015

Public Transportation Transfer Center Design, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Research Methods and Scientific Ethics, Postgraduate, 2020 - 2021

Yüksek Lisans Tezi, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Railway Engineering, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Highway Engineering, Undergraduate, 2020 - 2021, 2019 - 2020, 2015 - 2016, 2014 - 2015

Service Quality in Public Transportation Systems, Postgraduate, 2020 - 2021, 2019 - 2020, 2017 - 2018

Dönem Projesi, Postgraduate, 2020 - 2021, 2019 - 2020

Uzmanlık Alan Dersi, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Urban Transportation Systems, Undergraduate, 2019 - 2020, 2017 - 2018

Highway Engineering, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

Demiryolu Tasarımı, Undergraduate, 2017 - 2018, 2016 - 2017

Toplu Taşıma Aktarma Merkezi Tasarımı, Undergraduate, 2016 - 2017, 2015 - 2016

Demiryolu Mühendisliği, Undergraduate, 2015 - 2016, 2014 - 2015

## Advising Theses

Akyıldız Alçura G., Hizmet Kalitesinin Toplu Taşıma Sinyal Önceliği Kullanılarak İyi Leptirilmesi için Bir Yöntem İstanbul için Vaka Analizi, Postgraduate, F.HATEM(Student), 2022

Akyıldız Alçura G., Engelli yolcuların İstanbul şehir içi otobüs yolculuklarında karşılaştıkları engeller, Postgraduate, A.VARER(Student), 2019

## Scientific Refereeing

TEKNİK DERGİ/TECHNICAL JOURNAL OF TURKISH CHAMBER OF CIVIL ENGINEERS, Journal Indexed in SCI-E, December 2019

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, SCI Journal, April 2018

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, October 2017

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, April 2017

## Metrics

Publication: 25

Citation (WoS): 27

Citation (Scopus): 31

H-Index (WoS): 3

H-Index (Scopus): 3

## Congress and Symposium Activities

13. ULUSLARARASI MÜHENDİSLİK, MİMARLIK VE TASARIM KONGRESİ, Attendee, İstanbul, Turkey, 2024

## Research Areas

Civil Engineering, Transportation Engineering, Highways, Transportation Engineering, Railways Engineering (railroads, metro, etc.), Traffic Engineering, Engineering and Technology

## Non Academic Experience

Fatih Sultan Mehmet Vakıf Üniversitesi