

Asst. Prof. ŞEVKET ASLAN

Personal Information

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International Researcher IDs

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Biography

He was born in 1986 in Kayseri. After completing his primary, secondary and high school education in Kayseri, he was accepted by the Civil Engineering Department of Istanbul Technical University. During his university education, he was among the students sent to the State University of New York in the United States. By fulfilling the graduation requirements of both universities, he graduated with a dual degree in 2011 and received his Bachelor of Science degrees. He completed his MSc in 2015 and his PhD in 2019 at Erciyes University, Department of Civil Engineering, on Transportation. He started his academic life in 2014 and still continues his academic career as a Assistant Professor at Erciyes University, Faculty of Engineering, Department of Civil Engineering, Department of Transportation.

He has a bunch of national and international studies. He participated in national and international conferences and symposiums with his scientific studies and made presentations. His articles are published in reputable journals in the field of transportation. He has many projects and patents related to transportation, traffic and highway.

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, Ulaştırma, Turkey 2016 - 2019

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, Ulaştırma, Turkey 2014 - 2015

Undergraduate, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği, Turkey 2006 - 2011

Undergraduate, State University of New York at Buffalo, Faculty Of Civil Engineering, Civil Engineering, United States Of America 2006 - 2011

Foreign Languages

English, C2 Mastery

Certificates, Courses and Trainings

Other, İnşaat Mühendisliği Sempozyumu, İstanbul, Türkiye, 2010, İSTANBUL TEKNİK ÜNİVERSİTESİ, 2010

Education Management and Planning, Yönetim Bilimleri Sempozyumu, İstanbul, Türkiye, 2010, İSTANBUL TEKNİK ÜNİVERSİTESİ, 2010

Education Management and Planning, Avrupa Birliği Liderlik Sempozyumu, İstanbul, Türkiye, 2010, European Union, 2010

Foreign Language, Yabancı Dil Kurs Bitirme Sertifikası, Pacific Dil Kursu, Toronto, Kanada, 2007, Pacific Language

Institute, 2007

Dissertations

Doctorate, Bitüm Emülsiyonlu Harç Tipi Kaplamaların Performans Özelliklerinin İncelenmesi, Erciyes University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2019

Postgraduate, Endüstriyel ve Doğal Atıkların Bitümlü Sıcak Karışımlarda Kullanılabilirliğinin Araştırılması, Erciyes Üniversitesi, İnşaat Mühendisliği, 2015

Research Areas

Civil Engineering, Transportation Engineering, Metrology and Topography of Buildings, Highways, Transportation Engineering, Traffic Engineering, Road Materials, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Erciyes University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2021 - Continues

Research Assistant PhD, Erciyes University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2019 - 2021

Research Assistant, Erciyes University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2014 - 2019

Courses

ESNEK ÜSTYAPILARIN KORUYUCU BAKIMI, Postgraduate, 2022 - 2023, 2021 - 2022

GİRİŞİMCİLİK, Undergraduate, 2022 - 2023, 2021 - 2022

ÖLÇME BİLGİSİ, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

İNŞAAT MÜHENDİSLİĞİ TASARIM VE UYGULAMALARI, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

BİTİRME ÖDEVİ , Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

DENEYSSEL KARAYOLU MÜHENDİSLİĞİ, Postgraduate, 2022 - 2023, 2021 - 2022

İNŞAAT MÜHENDİSLİĞİNDE LABORATUVAR UYGULAMALARI, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Transportation Engineering II, Undergraduate, 2020 - 2021, 2019 - 2020

TRANSPORTATION, Undergraduate, 2021 - 2022

YOL ÜST YAPISI, Undergraduate, 2020 - 2021

İNŞAAT MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2020 - 2021

Transportation Engineering I, Undergraduate, 2020 - 2021, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

I. EVALUATION OF TYPICAL WMA ADDITIVES ON DESIGN PARAMETERS OF SMA MIXTURES

Aktaş B., Aytekin Ş., Aslan Ş.

Revista De La Construccion, vol.18, no.3, pp.409-417, 2019 (SCI-Expanded)

II. Use of diatomite and pumice as stabilizers in stone mastic asphalt mixtures

Aslan Ş., Aktaş B.

REVISTA DE LA CONSTRUCCION, vol.17, no.3, pp.531-541, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of Different Mineral Filler Ratios on Viscosity in Slurry Seal Mixtures**
Aktaş B., Aslan Ş.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.38, no.1, pp.73-79, 2022 (Peer-Reviewed Journal)
- II. **Effects of Selected Warm Mix Asphalt Additives on Viscosity**
Aktaş B., Aytekin Ş., Aslan Ş.
Academic Perspective Procedia, vol.2018, pp.80-84, 2018 (Peer-Reviewed Journal)
- III. **COMPARATIVE EVALUATION OF REPLACEMENT FOUNDRY SAND WITH MINERAL FINE AGGREGATES ON HMA PROPERTIES**
AKTAŞ B., ASLAN Ş.
The Online Journal of Science and Technology, vol.7, pp.19-23, 2017 (Peer-Reviewed Journal)
- IV. **ASSESSMENT OF THE USE OF DIATOMITE AND PUMICE IN STONE MASTIC ASPHALT AS STABILIZER**
Aktaş B., Aslan Ş.
The Online Journal of Science and Technology, vol.6, no.4, pp.22-25, 2016 (Peer-Reviewed Journal)
- V. **Laboratory Evaluation on Waste Slag Produced Zinc Industry as Mineral Filler in Stone Mastic Asphalt**
Aktaş B., Aslan Ş.
Eurasphalt & Eurobitume, vol.2016, pp.1-8, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Determining of Fundamental Physical Properties of Various Modified Bitumen With WMA Additives**
AKTAŞ B., aytekin ş., ASLAN Ş.
5th INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, 12 - 16 June 2019
- II. **Effects Of Selected Warm Mix Asphalt Additives On Viscosity Properties Of Binder**
AKTAŞ B., Aytekin Ş., ASLAN Ş.
6th International Symposium On Innovative Technologies In Engineering And Science, Antalya, Turkey, 9 - 11 November 2018
- III. **Determining the Consistency Values of Slurry Seal Mixtures Having Different Amounts of Water, Emulsion and Mineral Filler**
ASLAN Ş., AKTAŞ B.
13th International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018
- IV. **IMPORTANCE OF HIGHWAY SURFACE MACROTEXTURE AND CURRENT TEST METHODS**
AKTAŞ B., ASLAN Ş.
International Congress On Fundamental and Applied Sciences, Üsküp, Macedonia, 18 - 22 June 2018
- V. **A COMPARATIVE EVALUATION OF CAR PARKING LAYOUT DESIGN OF URBAN AREAS**
AKTAŞ B., ASLAN Ş.
International Congress On Fundamental and Applied Sciences, Üsküp, Macedonia, 18 - 22 June 2018
- VI. **Surface Characteristics and Skid Resistance Testing of Road Pavements**
AKTAŞ B., ASLAN Ş.
International Congress On Engineering And Life Science, Kastamonu, Turkey, 26 - 29 April 2018
- VII. **Test Methods of Determining Slurry Surfacing Performance for Highways**
ASLAN Ş., AKTAŞ B.
International Congress On Engineering And Life Science, Kastamonu, Turkey, 26 - 29 April 2018
- VIII. **Pedestrian and Vehicle Safety in Light Rail Systems**
AKTAŞ B., ASLAN Ş.
International Conference on Civil and Environmental Engineering, 8 - 10 May 2017
- IX. **Comparative Evaluation of Replacement Foundry Sand with Mineral Fine Aggregates on Hma Properties**
Aktaş B., Aslan Ş.

International Science and Technology Conference, Vienna, Austria, 13 - 15 July 2016, vol.2016, pp.243-248

- X. **Laboratory Evaluation On Waste Slag Produced Zinc Industry As Mineral Filler In Stone Mastic Asphalt**
ASLAN Ş., AKTAŞ B.
6th Eurasphalt & Eurobitume Congress, Prag, Czech Republic, 1 - 03 June 2016
- XI. **Karayollarında Bitüm Emülsiyonlu Harç Tipi Kaplamalar ve Performans Özellikleri**
AKTAŞ B., ASLAN Ş.
7. Kentsel Altyapı Sempozyumu, Trabzon, Turkey, 13 - 14 November 2015, pp.607-614
- XII. **CBR Behavior Of Zinc Factory Slag For Highway Embankment**
AKTAŞ B., Baydilli E., ASLAN Ş.
1st IRF Europe & Central Asia Regional Congress, İstanbul, Turkey, 15 - 18 September 2015
- XIII. **Comparing Transportation Modes Of Intercity Passenger Surveys in Kayseri**
AKTAŞ B., ASLAN Ş.
11 th International Congress on Advances in Civil Engineering (ACE), İstanbul, Turkey, 21 October - 25 December 2014

Supported Projects

Aslan Ş., KOSGEB, İleri Girişimci Destek Programı, 2022 - 2024

AKTAŞ B., ASLAN Ş., Project Supported by Higher Education Institutions, SLURRY TİPİ YOL YÜZEY KAPLAMALARININ KOHEZYON VE AŞINMA ÖZELLİKLERİNİN İNCELENMESİ, 2018 - 2021

AKTAŞ B., ASLAN Ş., Project Supported by Higher Education Institutions, Bitüm Emülsiyonlu Harç Tipi Kaplamaların Performans Özelliklerinin İncelenmesi, 2019 - 2020

Aktaş B., Aslan Ş., Project Supported by Other Private Institutions, Büyük Şehirlerde Kent Planının Güncellenmesi ve Simülasyonu, 2016 - 2017

AKTAŞ B., ASLAN Ş., Project Supported by Higher Education Institutions, ENDÜSTRİYEL ATIKLARIN YOL ÜSTYAPI TABAKALARINDA VE DOLGULARINDA KULLANILABİLİRLİĞİNİN ARAŞTIRILMASI, 2015 - 2017

Patent

Aslan Ş., Aktaş B., SOĞUK UYGULAMALI BİR YOL TAMİR ASFALTI, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: 2021/014809 , Standard Registration, 2021

Metrics

Publication: 20

Citation (WoS): 6

Citation (Scopus): 6

H-Index (WoS): 2

H-Index (Scopus): 2

Scholarships

Erasmus+ Öğrenci Staj Hareketliliği, Almanya, Temmuz 2017-Eylül 2017, Official Institutions of Foreign Countries, 2017 - 2017

Non Academic Experience

Non-profit Organisation, Genç Tema Vakfı