

Lect. Buket ÇAPALI

Personal Information

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Education Information

Undergraduate, Suleyman Demirel University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2019 - 2020

Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Yapı Eğitimi Anabilim Dalı, Turkey 2004 - 2009

Undergraduate, Suleyman Demirel University, Teknik Eğitim Fakültesi, Yapı Eğitimi Bölümü, Turkey 2000 - 2004

Dissertations

Postgraduate, Akıllı Ulaşım Sistemleri ve Türkiye'deki Uygulamaları, Suleyman Demirel University, Fen Bilimleri Enstitüsü, 2009

Research Areas

Civil Engineering, Transportation Engineering, Transportation Engineering, Traffic Engineering, Engineering and Technology

Academic Titles / Tasks

Lecturer, Suleyman Demirel University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A multi-objective meta-heuristic approach for the transit network design and frequency setting problem**
ÇAPALI B., Ceylan H.
TRANSPORTATION PLANNING AND TECHNOLOGY, 2020 (Journal Indexed in SCI)
- II. **Increasing the visibility of roads using phosphorous paint**
Eriskin E., Karahancer S., TERZİ S., SALTAN M., ÇAPALI B., Uncu I. S. , COŞKUNSU S.
ROAD MATERIALS AND PAVEMENT DESIGN, vol.20, no.1, pp.199-210, 2019 (Journal Indexed in SCI)
- III. **Utilization of Arundo donax in Hot Mix Asphalt as a fiber**
KARAHANÇER S. S. , Eriskin E., SARIOĞLU O., ÇAPALI B., SALTAN M., TERZİ S.
CONSTRUCTION AND BUILDING MATERIALS, vol.125, pp.981-986, 2016 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Superpave volumetric mix design of hot mix asphalt: case study of Isparta**
KARAHANÇER Ş., ERİŞKİN E., ÇAPALI B., SALTAN M., TERZİ S.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.6, pp.108-117, 2018 (Other Refereed National Journals)

- II. **Route 93, Arizona's IRI estimation using least squares method and fuzzy logic**
KARAHANÇER Ş., ERİŞKİN E., ÇAPALI B., TERZİ S., SALTAN M.
Global Journal of Information Technology: Emerging Technologies, vol.7, no.3, pp.157-162, 2017 (Refereed Journals of Other Institutions)
- III. **Investigation of Using Waste Welded Tuff Material as Mineral Filler in Asphalt Concrete**
KARAHANÇER Ş., ERİŞKİN E., ÇAPALI B., SALTAN M., TERZİ S.
SDÜ Fen Bilimleri Enstitüsü Dergisi, vol.20, no.3, pp.399, 2016 (Refereed Journals of Other Institutions)
- IV. **LTPP Test Bölgesi Verilerinden IRI Değerlerinin Matematiksel Modellenmesi**
ERİŞKİN E., ÇAPALI B., KARAHANÇER Ş., SALTAN M., TERZİ S., SARIOĞLU O.
Electronic Journal of Construction Technologies, vol.9, no.2, pp.1-6, 2013 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Isparta İli Kentiçi Ulaşım Sorunları Ve Çözüm Önerileri Analizi**
KARASHAHİN M., SALTAN M., TERZİ S., TIĞDEMİR M., CEYLAN H., HALDENBİLEN S., AKBULUT H., MOROVA N., UZ V. E., KALYONCUOĞLU Ş. F., et al.
Süleyman Demirel Üniversitesi Yayın Evi, Isparta, 2019
- II. **Cold-in Place and Full Depth Reclamation with Foamed Asphalt**
TERZİ S., SALTAN M., ERİŞKİN E., KARAHANÇER Ş., ÇAPALI B.
in: Computational Techniques for Civil and Structural Engineering, J. Kruijs, Y. Tsompanakis, B.H.V. Topping, Editor, Saxe-Coburg Publications,, PRAGUE, pp.417-437, 2015
- III. **Cold-in Place and Full Depth Reclamation with Foamed Asphalt**
Terzi S., Saltan M., Erişkin E., Karahançer Ş., Çapalı B.
in: Computational Techniques for Civil and Structural Engineering, J. Kruijs, Y. Tsompanakis, B. H. V. Topping, Editor, Sage, London/New Delhi , London, pp.417-437, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Intelligent Water Drops Algorithm for Urban Transit Network Design and Frequency Setting**
Çapalı B., Ceylan H.
Artificial Intelligence and Applied Mathematics in Engineering Problems, Antalya, Turkey, 20 - 22 April 2019, vol.43, pp.894-897
- II. **Investigation of The Use of Glass Beads Powder in Bitumen Modification**
ERGEZER F., TERZİ S., ERİŞKİN E., ÇAPALI B., AKBAŞ m. y.
First International Symposium on Innovations in Civil Engineering and Technology, Afyonkarahisar, Turkey, 23 - 25 October 2019, vol.2, pp.689-696
- III. **Developing a route choice model based on fuzzy logic in public transport system**
ÇAPALI B., CEYLAN H.
INTERNATIONAL CONFERENCE on RECENT ADVANCES in PURE AND APPLIED MATHEMATICS, İstanbul, Turkey, 12 - 15 July 2019, pp.33
- IV. **Mekanistik Ampirik Kaplama Dizayn Metodu Uygulanmasının Sürdürülebilir Kalkınma Açısından Önemi**
ARMAĞAN K., KARAHANÇER Ş., ERİŞKİN E., ÇAPALI B., DEMİR F., TERZİ S., SALTAN M.
12.Ulaştırma Kongresi Ulaştırma Politikaları, Turkey, 24 - 26 May 2017, pp.171-180
- V. **A Study on Public Transit Users' Route Choice and Assignment Function**
ÇAPALI B., CEYLAN H.
4th INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS, Turkey, 11 - 15 May 2017
- VI. **IRI Estimation of Route 93 Arizona by Least Squares Method and Fuzzy Logic**

KARAHANÇER Ş., ERİŞKİN E., ÇAPALI B., TERZİ S., SALTAN M.

6TH WORLD CONFERENCE ON INNOVATION AND COMPUTER SCIENCE, 12 - 14 May 2016

VII. **Marshall Stability Estimating Using Artificial Neural Network with Polyparaphenylene Terephthalamide Fibre Rate**

Karahancer S., ÇAPALI B., Eriskin E., Morova N., Serin S., SALTAN M., TERZİ S., KUCUKCAPRAZ D. O.

International Symposium on Innovations in Intelligent Systems and Applications (INISTA), Sinaia, Romania, 2 - 05 August 2016

VIII. **The Effect of Lane Discipline to Intersection Capacity A Sample Study of Isparta**

ERİŞKİN E., ÇAPALI B., KARAHANÇER Ş., GÖKOVA S., BAYRAK M. Ç. , TERZİ S., SALTAN M.

International Conference on Civil and Environmental Engineering, 20 - 23 May 2015

IX. **Examining the Effect of Sustainable Traffic Control of the Safety Belt and Helmet use A Sample Study in Isparta**

ÇAPALI B., ERİŞKİN E., KARAHANÇER Ş., GÖKOVA S., BAYRAK M. Ç. , TERZİ S., SALTAN M.

International Conference on Civil and Environmental Engineering, 20 - 23 May 2015

X. **Kısa Süreli, Yoğun Kontrollerin Emniyet Kemer ve Kask Kullanımına Etkilerinin Araştırılması: Isparta Örneği**

ÇAPALI B., SAPLIOĞLU M., TERZİ S., SALTAN M.

10. Ulaştırma Kongresi, İzmir, Turkey, 25 - 27 October 2013, pp.413-421

Citations

Total Citations (WOS):5

h-index (WOS):1