

## Res. Asst. YUNUS GÜNDÜZ

### Personal Information

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**Address:** Yozgat Bozok Üniversitesi, Kenevir Araştırmaları Enstitüsü, Yozgat.

### International Researcher IDs

ORCID: 0000-0001-9740-0980

Publons / Web Of Science ResearcherID: CAG-0791-2022

Yoksis Researcher ID: 367086

### Education Information

Doctorate, Yozgat Bozok University, Institute of Postgraduate Education, Turkey 2019 - Continues

Postgraduate, Yozgat Bozok University, Institute of Postgraduate Education, Civil Engineering, Turkey 2014 - 2016

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2010 - 2014

### Foreign Languages

English, C1 Advanced

### Dissertations

Postgraduate, Modelling of fracture parameters of steel fiber reinforced concretes by artificial neural networks, Yozgat Bozok University, Fen Bilimleri Enstitüsü, 2016

### Research Areas

Structural Engineering, Performance of Constructed Facilities, Repair and Strengthening in Buildings, Materials in Civil Engineering, Concrete Technology, Building Components and Materials, Composite materials, Material Mechanics, Applications of Insulation Materials

### Academic Titles / Tasks

Research Assistant, Yozgat Bozok University, Institute of Hemp Research, -, 2022 - Continues

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

- I. **PCMs with perlite aggregate for snow melting applications**  
ŞAHİN Y., GÜNDÜZ Y.  
Sustainable Energy Technologies and Assessments, vol.62, 2024 (SCI-Expanded)
- II. **Freeze-thaw resistance of pervious concrete produced with different aggregates and fibres**

ÖZEL B. F., Sakalı Ş., GÜNDÜZ Y., ŞAHİN Y.

Road Materials and Pavement Design, 2024 (SCI-Expanded)

III. **Relation of the Thermal Conductivity and the Electrical Resistivity to the Unit Weight of Hemp Based Composites**

Gunduz Y., ŞAHİN Y.

INTERNATIONAL JOURNAL OF THERMOPHYSICS, vol.42, no.7, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Çelik Tel Donatılı Betonların Kırılma Parametrelerinin Yapay Sinir Ağları ile Modellenmesi**  
GÜNDÜZ Y., TAŞKAN E., ŞAHİN Y.  
Uluslararası Mühendislik Arastırma ve Gelistirme Dergisi, vol.12, no.2, pp.454-463, 2020 (Peer-Reviewed Journal)
- II. **ÇELİK TEL DONATILI BETONLARIN MEKANİK ÖZELLİKLERİNİN GÖRÜNTÜ ANALİZLERİ İLE TAHMİNİ**  
TAŞKAN E., GÜNDÜZ Y., ŞAHİN Y.  
Uludağ University Journal of The Faculty of Engineering, vol.24, no.2, pp.77-90, 2019 (Peer-Reviewed Journal)
- III. **Kanca Ucu Tipinin Çelik Tel Donatılı Betonların Mekanik Özelliklerine Etkisi**  
TAŞKAN E., GÜNDÜZ Y., ŞAHİN Y.  
Afyon Kocatepe Üniversitesi Fen Ve Mühendislik Bilimleri Dergisi, vol.19, no.3, pp.796-803, 2019 (Peer-Reviewed Journal)
- IV. **Farklı Kanca Tipine Sahip Çelik Tel Donatılı Betonların Özellikleri ve Optimum Tasarımı**  
gündüz Y., taşkan e., KÖKSAL F., ŞAHİN Y.  
hazır beton, 2018 (Peer-Reviewed Journal)

## Books

- I. **Farklı Kanca Tipine Sahip Çelik Tel Donatılı Betonların Özellikleri ve Optimum Tasarımı**  
GÜNDÜZ Y., TAŞKAN E., KÖKSAL F., ŞAHİN Y.  
in: Beton 2017 Hazır Beton Kongresi Bildirileri, , Editor, Türkiye Hazır Beton Birliği, pp.51-62, 2017

## Papers Published in Refereed Scientific Meetings

- I. **Faz Değiştiren Malzeme Kullanarak Yol, Apron ve Saha Betonlarında Buzlanmayı Önleyici Beton Tasarımı ve Gerçek Boyutlu Uygulaması**  
GÜNDÜZ Y., ÖZEL B. F., ERCİYAS M., ERDURAN M., ŞAHİN Y.  
Beton 2023 - Hazır Beton Kongresi, 08 November 2023
- II. **Effect of Raw and Expanded Perlite as Fine Aggregate on Properties of Concrete**  
GÜNDÜZ Y., ŞAHİN Y.  
International Pumice and Perlite Symposium, Bitlis, Turkey, 04 November 2021, pp.129-133
- III. **Investigation of Usability of Pumice Sand In Pervious Concretes**  
ÖZEL B. F., GÜNDÜZ Y., SAKALLI Ş., ŞAHİN Y.  
International Pumice and Perlite Symposium, Bitlis, Turkey, 04 November 2021, pp.115-121
- IV. **The Effect of Type of Hooked End on the Mechanical Properties of Steel Fiber Reinforced Concretes**  
GÜNDÜZ Y., TAŞKAN E., ŞAHİN Y.  
12th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 - 23 September 2016
- V. **Using Hooked end Fibres on High Performance Steel Fibre Reinforced Concrete**  
GÜNDÜZ Y., TAŞKAN E., ŞAHİN Y.  
The 2016 International Conference on High Performance and Optimum Design of Structures and Materials, SIENA, Italy, 19 - 21 September 2016, pp.265-276

## Supported Projects

Gündüz Y., TUBITAK Project, Hemp Biochar: Material Reactivity and Carbon Sequestration in Cementitious Materials, 2023 - 2024

Konuklu Y., Şahin Y., TUBITAK Project, Faz Değiştiren Malzeme Kullanarak Yol, Apron Ve Saha Betonlarında Buzlanmayı Önleyici Beton Tasarımı Geliştirilmesi, 2020 - 2022

## Patent

Şahin Y., Gündüz Y., A HEAT-COMFORTABLE HEMP-BASED BUILDING MATERIAL, Patent, CHAPTER E Constructed Constructions (Construction), The Invention Registration Number: 2021 016525 , Standard Registration, 2023

## Peer Reviews in Scientific Publications

CEMENT AND CONCRETE RESEARCH, SCI Journal, August 2024

## Metrics

Publication: 13

Citation (Scopus): 7

H-Index (Scopus): 2

## Scholarships

2214-A International Research Fellowship Programme for PhD Students, TUBITAK, 2023 - 2024

2250-Lisansüstü bursları Performans Programı, TUBITAK, 2022 - 2022