

Asst. Prof. KÜBRA EKİZ BARIŞ

Personal Information

Email: kubra.ekizbaris@kocaeli.edu.tr

Web: <https://avesis.kocaeli.edu.tr/kubra.ekizbaris>

International Researcher IDs

ORCID: 0000-0002-3830-7185

Yoksis Researcher ID: 198045

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık, Turkey 2016 - 2022

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık, Turkey 2014 - 2016

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Natural pozzolan based lightweight geopolymer wall material, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık, 2022

Postgraduate, DOĞAL PUZOLAN KATKILI KİREÇ BAĞLAYICININ OTOKLAVLA KÜR KOŞULLARININ DEĞERLENDİRİLMESİ, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2016

Research Areas

Architecture

Academic Titles / Tasks

Assistant Professor, Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık, 2022 - Continues

Research Assistant, Istanbul Technical University, Mimarlık, Mimarlık, 2014 - 2022

Research Assistant, Bolu Abant İzzet Baysal University, Faculty Of Architecture, Department Of Architecture, 2013 - 2014

Academic and Administrative Experience

Fakülte Kurulu Üyesi, Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık, 2023 - Continues

Birim Kalite Komisyonu Üyesi, Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık ve Tasarım Fakültesi, 2023 - Continues

Vice Dean, Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık, 2023 - Continues

Adaptation/Exemption Committee Member, Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık ve Tasarım

Fakültesi, 2023 - Continues

Internship Committee Member, Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık, 2023 - Continues

Yatay Geçiş Komisyon Üyesi, Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık ve Tasarım Fakültesi, 2023 - Continues

Courses

Yapı Elemanları II, Undergraduate, 2022 - 2023

Yapı Elemanları I, Undergraduate, 2023 - 2024

Bitirme Çalışması, Undergraduate, 2023 - 2024

Mimari Tasarım I, Undergraduate, 2023 - 2024

Yapı Uygulama Bilgisi, Undergraduate, 2023 - 2024

Mimari Tasarım II, Undergraduate, 2023 - 2024

Yüksek Lisans Seminer, Postgraduate, 2023 - 2024

Staj 2, Undergraduate, 2023 - 2024

Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024

Yapı Malzemesi, Undergraduate, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The role of microwave curing in the production of natural pozzolan-based geopolymer**
Ekiz Barış K.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.39, no.4, pp.2239-2251, 2024 (SCI-Expanded)
- II. **PERFORMANCE OF NATURAL POZZOLAN-BASED GEOPOLYMER REINFORCED WITH BANANA FIBERS**
Ekiz Barış K., Tanaçan L.
JOURNAL OF GREEN BUILDING, vol.19, no.1, pp.51-76, 2024 (AHCI)
- III. **DURABILITY BEHAVIOR OF BANANA FIBER- REINFORCED NATURAL POZZOLAN GEOPOLYMER**
EKİZ BARIŞ K., Tanaçan L.
JOURNAL OF GREEN BUILDING, vol.18, no.4, pp.149-168, 2023 (AHCI)
- IV. **Improving the geopolymeric reactivity of Earth of Datca as a natural pozzolan in developing green binder**
Baris K., Tanaçan L.
JOURNAL OF BUILDING ENGINEERING, vol.41, 2021 (SCI-Expanded)
- V. **EFFECT OF ALKOXY-SILANE-BASED TREATMENT ON THE DURABILITY OF NORTH CYPRUS STONES FOR CONSTRUCTION**
Ziyaettin N., Baris K., Tanaçan L.
JOURNAL OF GREEN BUILDING, vol.16, no.1, pp.179-196, 2021 (AHCI)
- VI. **Earth of Datca: Development of pozzolanic activity with steam curing**
Baris K., Tanaçan L.
CONSTRUCTION AND BUILDING MATERIALS, vol.139, pp.212-220, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Atık Mısır Koçanı Külünün Jeopolimer Harç Üretiminde Kullanımı**
Ekiz Barış K.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.28, no.1, pp.42-52, 2024 (Peer-Reviewed Journal)

- II. **Research on the long-term strength development of Datça Pozzolan-based geopolymer**
EKİZ BARIŞ K., TANAÇAN L.
Journal of sustainable construction materials and technologies (Online), vol.9, no.1, pp.11-24, 2024 (Scopus)
- III. **JEOPOLİMER BAĞLAYICI ÜRETİMİNDE ATIK MERMER TOZU KULLANIM OLANAKLARININ DEĞERLENDİRİLMESİ**
EKİZ BARIŞ K.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.28, no.3, pp.975-990, 2023 (Peer-Reviewed Journal)
- IV. **The Use of Waste Corn Cob as Aggregate in Geopolymer Mortar**
EKİZ BARIŞ K.
JOURNAL OF ARCHITECTURAL SCIENCES AND APPLICATIONS, vol.8, no.2, pp.713-734, 2023 (Peer-Reviewed Journal)
- V. **Natural pozzolan-based green geopolymer foam for thermal insulation**
EKİZ BARIŞ K., TANAÇAN L.
Journal of sustainable construction materials and technologies (Online), vol.7, no.3, pp.128-144, 2022 (Scopus)
- VI. **Bozcaada Kimisis Teodoku Rum Ortodoks Kilisesi**
EKİZ BARIŞ K.
Çanakkale Araştırmaları Türk Yılığ, vol.16, no.24, pp.211-244, 2018 (Peer-Reviewed Journal)
- VII. **Datça Toprağı: Alternatif Yapı Malzemesi**
EKİZ BARIŞ K., TANAÇAN L.
Yapı, no.432, pp.136-141, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **JEOPOLİMER MALZEME TEKNOLOJİSİNDE UYGULANAN YENİLİKÇİ KÜR YÖNTEMLERİNİN ETKİNLİĞİ**
Ekiz Barış K.
in: MÜHENDİSLİK, TEKNOLOJİ, MİMARLIK VE TASARIMDA YENİLİKÇİ YAKLAŞIMLAR, Güllü Abdulkadir, Çizmecioglu Zeki, Yalçinkaya Senai, Editor, Güven Plus Grup A.Ş. Yayınları, İstanbul, pp.2-33, 2023
- II. **Plant-Based Fiber-Reinforced Geopolymer Composites**
EKİZ BARIŞ K.
in: Innovative Technology Applications In Engineering Sciences, Jain Rakesh, Güllü Abdulkadir, Yalçinkaya Senai, Editor, Güven Plus Group Inc. Publications, İstanbul, pp.8-45, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **MONOLITHIC WALL MATERIAL DESIGN FOR CLIMATIC CONDITIONS OF TURKEY**
Ekiz Barış K.
2. BİLSEL INTERNATIONAL TRUVA SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS, Çanakkale, Turkey, 16 - 17 December 2023, pp.738-746
- II. **SÜLEYMANİYE KÜLLİYESİ: YAPI MALZEMESİ OLARAK HARÇ**
EKİZ BARIŞ K.
2. BİLSEL INTERNATIONAL AHLAT SCIENTIFIC RESEARCHES CONGRESS, Bitlis, Turkey, 9 - 10 December 2023, vol.1, pp.296-310
- III. **Türkiye'de Çift Cidarlı Cepheye Sahip Yapı Örneklerinin Performans Değerlendirmesi**
EKİZ BARIŞ K.
9th International Congress on Architecture and Design, Turkey, 25 - 26 November 2023, pp.242-251
- IV. **YENİLİKÇİ BETON TÜRLERİ VE YAPI SEKTÖRÜNDE KULLANIM OLANAKLARI**
EKİZ BARIŞ K.
10. ULUSLARARASI MÜHENDİSLİK VE TEKNOLOJİ YÖNETİMİ KONGRESİ, İstanbul, Turkey, 14 October 2023, pp.271-280

- V. **Yapım ve Yıkım Atıklarının Jeopolimer Malzeme Teknolojisinde Değerlendirilmesi**
EKİZ BARIŞ K., TÜTER R., ÖZKAN C., TANAÇAN L.
3. Uluslararası Bilimsel Araştırmalar ve Yenilikçi Çalışmalar Sempozyumu, Turkey, 15 March 2023, pp.372-387
- VI. **THERMAL CONDUCTIVITY OF THE FIBER-REINFORCED GEOPOLYMER COMPOSITES**
EKİZ BARIŞ K.
10th International Congress on Engineering, Architecture and Design, İstanbul, Turkey, 24 December 2022, pp.1206-1213
- VII. **BANANA FIBRE REINFORCED ALKALI ACTIVATED MORTARS**
EKİZ BARIŞ K.
8th INTERNATIONAL CONGRESS ON ARCHITECTURE AND DESIGN, İstanbul, Turkey, 26 November 2022, pp.478-486
- VIII. **GEOPOLYMERS IN ARCHITECTURE**
EKİZ BARIŞ K., TANAÇAN L.
International Civil Engineering Architecture Conference, Trabzon, Turkey, 17 - 20 April 2019, pp.245-257
- IX. **PRODUCTION OF BANANA WASTE FIBER CEMENT COMPOSITE**
EKİZ BARIŞ K., TANAÇAN L.
International Civil Engineering Architecture Conference, Trabzon, Turkey, 17 - 20 April 2019, pp.258-266
- X. **Durability of steam cured pozzolanic mortars at atmospheric pressure**
EKİZ BARIŞ K., TANAÇAN L.
2nd International Conference on Calcined Clays for Sustainable Concrete, Havana, Cuba, 5 - 07 December 2017, pp.46-53
- XI. **Doğal Puzolan Katkılı Kireç Bağlayıcının Yapı Malzemesi Olarak Değerlendirilmesi**
EKİZ BARIŞ K., TANAÇAN L.
IV. Çevre-Tasarım Kongresi, Kayseri, Turkey, 5 - 06 May 2016, pp.163-174

Congress and Symposium Activities

2. Bilsel International Truva Scientific Researches and Innovation Congress, Attendee, Çanakkale, Turkey, 2023
2. Bilsel International Ahlat Scientific Researches Congress, Attendee, Bitlis, Turkey, 2023
- 9th International Congress on Architecture and Design, Attendee, İstanbul, Turkey, 2023
10. Uluslararası Mühendislik ve Teknoloji Yönetimi Kongresi, Attendee, İstanbul, Turkey, 2023
- 3rd International Symposium of Scientific Research and Innovative Studies, Attendee, Çanakkale, Turkey, 2023
- 10th International Congress on Engineering, Architecture and Design, Attendee, İstanbul, Turkey, 2022
- 8th International Congress on Architecture and Design, Attendee, İstanbul, Turkey, 2022
- International Civil Engineering Architecture Conference, Attendee, Trabzon, Turkey, 2019
- International Civil Engineering Architecture Conference, Attendee, Trabzon, Turkey, 2019
2. International Conference on Calcined Clays for Sustainable Concrete, Attendee, Habana, Cuba, 2017
- IV. Çevre-Tasarım Kongresi, Attendee, Kayseri, Turkey, 2016

Awards

- Ekiz Barış K., 2022 Yılı En Başarılı Tez Ödülü, İstanbul Teknik Üniversitesi, June 2023