

## Prof. ALİ MARDANI



### Personal Information

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**Web:** <https://avesis.uludag.edu.tr/alimardani>

### International Researcher IDs

ScholarID: IXZK2d0AAAAJ

ORCID: 0000-0003-0326-5015

Publons / Web Of Science ResearcherID: C-7860-2015

ScopusID: 58898851200

Yoksis Researcher ID: 366458



### Education Information

Doctorate, Ege University, Faculty Of Engineering, İnşaat Mühendisliği Bölümü, Turkey  
2011 - 2016

Postgraduate, Ege University, Faculty Of Engineering, İnşaat Mühendisliği Bölümü,  
Turkey 2009 - 2011

Undergraduate, Islamic Azad University, Mühendislik Fakültesi/İNşaat Mühendisliği  
Bölümü, Iran 2003 - 2008

### Biography

He received his Bachelor's Degree from Orumiye Azad Islamic University, Master's and Doctorate Degrees from Ege University Civil Engineering Department. He won a scholarship provided by the Turkish Cement Manufacturers Association during his Ph. D. It has more than 170 publications including 95 SCI journal articles, 98 conference papers, and 2298 citations. In addition to the 1 TUBITAK 1001 (Scientific and Technological Research Council of Turkey) projects that he is still the executive, he took part in 9 different TUBITAK projects in total. In addition to the 6 BAP (Bursa Uludağ University Scientific Research Projects Centre ) projects he is currently executing, he conducted a total of 27 BAP projects. From 2004 to 2006, he worked as Assistant Site Chief at Iran Shanlı Yol in Iran Orumiye, and as a Site Manager in the same company from 2006 to 2008. Since 2019, he has been working as an Associate Professor Doctor at Bursa Uludağ University, where he started working as an Assistant Professor Doctor in 2016. He continues his research in the fields of Concrete Technology, Material Science, Building Material, Concrete Durability, and Cement-Admixture Compatibility.

### Foreign Languages

English, C1 Advanced

Persian, C1 Advanced

### Dissertations

Doctorate, Portland çimentosu ve süperakışkanlaştırıcı katkı uyumunun incelenmesi, Ege University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2016

Postgraduate, Uçucu küllü silindirle sıkıştırılmış betonlarda dayanıklılık, Ege University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2011

## Research Areas

Civil Engineering

## Academic Titles / Tasks

Professor, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2024 - Continues

Associate Professor, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2019 - 2024

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ, 2016 - 2019

## Academic and Administrative Experience

Manager of Research and Application Center, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2024 - Continues

Faculty Board Member, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2022 - Continues

Head of Department, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2022 - 2025

Head of Department, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2020 - 2022

Head of Department, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ, 2016 - 2020

## Courses

DOKTORA UZMANLIK ALAN DERSİ VI, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

BETON TEKNOLOJİSİ, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI IV, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI II, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ VIII, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI II, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

YÜKSEK LİSANS UZMANLIK ALAN DERSİ II, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

KİMYASAL KATKILAR, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

YÜKSEK LİSANS UZMANLIK ALAN DERSİ IV, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

YAPI MALZEMELERİ TESTLERİ, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ II, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

ÖZEL BETONLAR, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ IV, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

YAPI MALZEMESİ, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

BİTİRME TEZİ, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI IV, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI VI, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

BETON DURABİLİTESİ, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

BETONUN BOYUTSAL KARARLIĞI, Doctorate, 2024 - 2025, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Çimentolu Sistemlerin Mikro Yapısı, Doctorate, 2024 - 2025, 2021 - 2022, 2020 - 2021, 2019 - 2020

YÜKSEK LİSANS UZMANLIK ALAN DERSİ III, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI V, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ V, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Çimentolu Sistemlerin Reolojik Özellikleri, Doctorate, 2024 - 2025, 2021 - 2022, 2020 - 2021

YÜKSEK LİSANS UZMANLIK ALAN DERSİ I, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI I, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ VII, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

İLERİ BETON TEKNOLOJİSİ, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Fars Dili ve Edebiyatı, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

TEZ DANIŞMANLIĞI III, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ I, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ III, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

POLİMER MALZEMELERE GİRİŞ, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

TEZ DANIŞMANLIĞI III, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TASARIM PROJESİ, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

TEZ DANIŞMANLIĞI I, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

MALZEME BİLİMİ, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

DENEYSEL TASARIM, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

## Advising Theses

Mardani A., Yüksek Oranda Uçucu Kül İçeren Silindire Sikiştirilmiş Betonlarda Katmanlar Arası Soğuk Derz Oluşumunun

İncelenmesi, Doctorate, S.Husein(Student), 2023

Mardani A., Su Azaltıcı Katkı Zincir Uzunluklarının Farklı C3A İçeriğine Sahip Çimentolu Sistemlerin Davranışına Etkisi, Doctorate, V.Kobyay(Student), 2023

Mardani A., Su Azaltıcı Katkı Anyonik Monomer Değişiminin Farklı C3A İçeriğindeki Çimentolu Sistemlerin Davranışına Etkisi, Doctorate, K.Karakuzu(Student), 2023

Mardani A., İnan Sezer G., ÜRE KULLANIMININ ÇİMENTO ESASLI HARÇLARIN BAZI ÖZELLİKLERİNE ETKİSİ, Postgraduate, N.ÇAPAROĞLU(Student), 2023

Mardani Aghabaglou A., Farklı Tip Klinker Öğütme Kolaylaştırıcı Katkı Kullanımının Çimentolu Sistemlerin Özelliklerine Etkisi, Postgraduate, Y.KAYA(Student), 2022

Mardani Aghabaglou A., METAKAOLİN İÇEREN FARKLI C3A İÇERİĞİNE SAHİP ÇİMENTOLU SİSTEMLERİN TİKSOTROPİK ÖZELLİKLERİNİN ARAŞTIRILMASI, Postgraduate, Ö.BİRİCİK(Student), 2022

Mardani Aghabaglou A., Geri Dönüştürülmüş Beton Agregalarının Yol Temel ve Alttemel Tabakalarında Kullanılabilirliğinin Araştırılması, Postgraduate, B.AYTEKİN(Student), 2021

Mardani Aghabaglou A., FARKLI YÜZEY AKTİF KİMYASAL MADDESİ İÇEREN POLİKARBOKSİLAT ESASLI SU AZALTICI KATKI KULLANIMININ ÇİMENTOLU SİSTEMLERİN ÖZELLİKLERİNE ETKİSİ, Postgraduate, A.EMİN(Student), 2021

Mardani Aghabaglou A., YÜKSEK ORANDA SU AZALTICI KATKI KİMYASAL YAPISININ UÇUCU KÜL İÇEREN ÇİMENTOLU SİSTEMLERİN ÖZELLİKLERİNE ETKİSİ, Doctorate, M.GÖKHAN(Student), 2021

Mardani Aghabaglou A., Effect of macro synthetic polypropylene fiber utilization on some fresh and hardened properties of concrete mixtures, Postgraduate, M.RAHMAN(Student), 2020

Mardani A., Effect of high range water reducing admixture properties on behaviour of cementitious system, Doctorate, S.ÖZEN(Student), 2019

Mardani Aghabaglou A., Effect of utilization of air entraining and mineral admixtures on transport properties and freeze-thaw resistance of cementitious systems, Postgraduate, E.GEVEN(Student), 2019

MARDANI AGHABAGLOU A., Effect of shape and size of concrete specimen on strength of concrete mixture in the absence and presence of fiber, Postgraduate, S.HUSEIN(Student), 2018

Mardani Aghabaglou A., Effect of utilization of fiber on the properties of self consolidating concrete, Postgraduate, H.AMIDOU(Student), 2018

MARDANI AGHABAGLOU A., Effect of utilization of drying-shrinkage reducing admixture and fiber on fresh state, mechanical and some durability properties of cementitious systems, Postgraduate, M.İLHAN(Student), 2018

Mardani Aghabaglou A., Effect of permeability reducing admixtures on fresh and hardened state properties of cementitious systems containing mineral admixture, Postgraduate, A.NEMATZADEH(Student), 2018

MARDANI AGHABAGLOU A., Effect of polycarboxylate based water reducing admixture anionic monomer change on the fresh state properties of cement paste and mortar mixtures, Postgraduate, M.BAYAR(Student), 2017

## Jury Memberships

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, August, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, July, 2023

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, June, 2023

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, April, 2023

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, April, 2023

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, March, 2023

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, March, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Bursa Uludağ Üniversitesi, February, 2023

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, October, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,

October, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
October, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
October, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bursa Uludağ Üniversitesi,  
September, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, August, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, January, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, January, 2022

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
September, 2021

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2021

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
September, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
September, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
September, 2021

Post Graduate, Post Graduate, Bayburt Üniversitesi, July, 2021

Post Graduate, Post Graduate, Bayburt Üniversitesi, July, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
March, 2021

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, March, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
March, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
March, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
March, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
March, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
March, 2021

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, March, 2021

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, December, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
December, 2020

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, December, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
December, 2020

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2020

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2020

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, May, 2020

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, March, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,

March, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
March, 2020

Post Graduate, Post Graduate, Balıkesir Üniversitesi, January, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
December, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
December, 2019

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, October, 2019

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2019

Post Graduate, Post Graduate, Bursa Teknik Üniversitesi, July, 2019

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, July, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
March, 2019

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, March, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
March, 2019

Post Graduate, Post Graduate, Düzce Üniversitesi, January, 2019

Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, January, 2019

Post Graduate, Post Graduate, Düzce Üniversitesi, January, 2019

Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, January, 2019

Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, January, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
December, 2018

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2018

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, June, 2018

Post Graduate, Post Graduate, Ege Üniversitesi, June, 2018

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, May, 2018

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,  
March, 2018

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2017

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

- I. **Influence of Grinding Aids on the Grinding Performance and Rheological Properties of Cementitious Systems**  
Kaya Y., Şahin H. G., Mardani N., MARDANI A.  
Materials, vol.17, no.21, 2024 (SCI-Expanded)
- II. **Effect of fiber type, size, and utilization rate on mechanical and thermal properties of lightweight concrete facade panels**  
Beytekin H. E., Kaya Y., Mardani A., Sezer F.  
STRUCTURAL CONCRETE, vol.25, no.5, pp.3824-3840, 2024 (SCI-Expanded)
- III. **Innovative lightweight concrete: effect of fiber, bacteria and nanomaterials**  
Beytekin H. E., Altun Ö., Mardani A., Sezer F.  
IRANIAN POLYMER JOURNAL, vol.33, no.9, pp.1327-1350, 2024 (SCI-Expanded)
- IV. **Effect of PCE anionic charge density on fly ash cementitious system-PCE compatibility**  
Karakuzu K., Kobyay V., Mardani A., Felekoğlu B., Ramyar K.  
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.38, pp.1-18, 2024 (SCI-Expanded)
- V. **Effect of graphene oxide-coated jute fiber on mechanical and durability properties of concrete mixtures**

Özen S., Benlioğlu A., Mardani A., Altın Y., Bedeloğlu A.

CONSTRUCTION AND BUILDING MATERIALS, vol.448, pp.1-25, 2024 (SCI-Expanded)

- VI. **Evaluation of action mechanism, mix design and some properties of photocatalytic concrete**  
Şahin H. G., Mardani A.  
Journal of Sustainable Cement-Based Materials, vol.13, pp.1-20, 2024 (SCI-Expanded)
- VII. **Role of Anionic Group of Methylallyl Ether-Based PCEs on Behavior of Cementitious Systems with Various C3A Contents**  
Karakuzu K., Kobya V., MARDANI A., FELEKOĞLU B., Ramyar K.  
Journal of Materials in Civil Engineering, vol.36, no.7, 2024 (SCI-Expanded)
- VIII. **Effect of Recycled Concrete Aggregate Utilization Ratio on Thermal Properties of Self-Cleaning Lightweight Concrete Facades**  
Beytekin H. E., Şahin H. G., MARDANI A.  
SUSTAINABILITY, vol.16, no.14, 2024 (SCI-Expanded)
- IX. **Performance Requirements and Optimum Mix Proportion of High-Volume Fly Ash 3D Printable Concrete**  
Şahin H. G., MARDANI A., Mardani N.  
BUILDINGS, vol.14, no.7, 2024 (SCI-Expanded)
- X. **Effect of the Kahramanmaraş earthquake on standing water tanks in the Adana region and buildings in Hatay-Antakya**  
MARDANI A., Gizem Şahin H., Kaya Y.  
Engineering Science and Technology, an International Journal, vol.55, 2024 (SCI-Expanded)
- XI. **Effect of Grinding Conditions on Clinker Grinding Efficiency: Ball Size, Mill Rotation Speed, and Feed Rate**  
Kaya Y., Kobya V., Mardani A., Mardani N., Beytekin H. E.  
BUILDINGS (BASEL), vol.14, no.8, pp.1-22, 2024 (SCI-Expanded)
- XII. **Improving Thermal and Mechanic Performance of Sustainable Lightweight Concrete Facade Panels: In Terms of Aggregate Type**  
Beytekin H. E., Kaya Y., Mardani A., Şenkal Sezer F.  
JOURNAL OF GREEN BUILDING, vol.19, no.4, 2024 (AHCI)
- XIII. **Effect of nano-TiO<sub>2</sub> size and utilization ratio on the performance of photocatalytic concretes; self-cleaning, fresh, and hardened state properties**  
Şahin H. G., Temel M., Koçak G., MARDANI A., KARA A.  
Environmental Science and Pollution Research, vol.31, no.25, pp.37109-37124, 2024 (SCI-Expanded)
- XIV. **Evaluation of fresh state, rheological properties, and compressive strength performance of cementitious system with grinding aids**  
Kaya Y., Kobya V., MARDANI A.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.141, no.15, 2024 (SCI-Expanded)
- XV. **Rheological Properties and Thixotropic Behavior of Cementitious Systems Containing Different Fiber Types**  
Kaya Y., BİRİCİK Ö., Bayqra S. H., MARDANI A.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.49, no.4, pp.5203-5223, 2024 (SCI-Expanded)
- XVI. **Investigation of anionic group characteristics of PCEs on the behavior of fly ash cementitious systems**  
Karakuzu K., Kobya V., Mardani A., Felekoğlu B., Ramyar K.  
ADVANCES IN CEMENT RESEARCH, vol.36, no.12, pp.1-14, 2024 (SCI-Expanded)
- XVII. **Influence of recycled concrete, marble, glass, and limestone powder, and utilization ratios on the compressive strength and alkali-silica reaction performance of mortar mixtures**  
Aytekin B., Biricik Ö., Mardani A.  
International Journal of Environmental Science and Technology, vol.21, no.6, pp.5585-5602, 2024 (SCI-Expanded)
- XVIII. **Effect of Silica Fume Utilization on Structural Build-Up, Mechanical and Dimensional Stability Performance of Fiber-Reinforced 3D Printable Concrete**



Şahin H. G., MARDANI A., Beytekin H. E.

Polymers, vol.16, no.4, 2024 (SCI-Expanded)

- XIX. **Enhancing Mortar Mixtures with Bacterial Impregnation: Sustainable Approaches and Strength Improvement**  
Yazıcı Ş., Aytakin B., Güller C., Mardani A.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY - TRANSACTIONS OF CIVIL ENGINEERING, vol.48, no.2, pp.1-16, 2024 (SCI-Expanded)
- XX. **Multi-effect of fineness and replacement ratio of binders on thixotropic and some fresh state properties of cementitious systems, a comparative study**  
Şahin H. G., Biricik Altun Ö., Mardani A.  
Advanced Powder Technology, vol.35, no.2, 2024 (SCI-Expanded)
- XXI. **Research on modeling the thixotropic properties of cementitious systems using regression methods in machine learning**  
Şahin H. G., BİRİCİK ALTUN Ö., ESER M., MARDANI A., BİLGİN M.  
CONSTRUCTION AND BUILDING MATERIALS, vol.411, 2024 (SCI-Expanded)
- XXII. **Use of recycled mortar as fine aggregates in pavement concrete applications**  
Mardani A., Hatungimana D., Yazici Ş., Şahin H. G., Assaad J. J.  
HELIYON, vol.10, no.2, pp.1-14, 2024 (SCI-Expanded)
- XXIII. **Effect of polycarboxylate-based water-reducing admixture chains length on portland cement-admixture compatibility**  
Kobyas V., Karakuzu K., MARDANI A., FELEKOĞLU B., Ramyar K.  
JOURNAL OF SUSTAINABLE CEMENT-BASED MATERIALS, no.1, pp.69-86, 2024 (SCI-Expanded)
- XXIV. **How does rheological behaviour affect the interlayer-bonding strength of 3DPC mixtures?**  
Şahin H. G., MARDANI A.  
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.38, no.9, pp.1353-1377, 2024 (SCI-Expanded)
- XXV. **Mechanical and rheological properties of fiber-reinforced 3D printable concrete; in terms of fiber content and aspect ratio**  
Şahin H. G., Akgümüş F. E., MARDANI A.  
Structural Concrete, 2024 (SCI-Expanded)
- XXVI. **Effect of fibre type and utilisation rate on dimensional stability and frost resistance of pavement mortar mixture**  
Kaya Y., Biricik Ö., Bayqra S. H., Mardani A.  
INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING, vol.24, no.1, 2023 (SCI-Expanded)
- XXVII. **Effects of Shrinkage Reducing Admixture and Polypropylene Fiber Utilization on Some Fresh State, Mechanical and Durability Properties of Khorasan Mortar**  
İsafça-Kaya T., Karakuzu K., Özen S., Mardani A., Doğangün A.  
INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE : CONSERVATION, ANALYSIS, AND RESTORATION, vol.8, pp.1-15, 2023 (SCI-Expanded)
- XXVIII. **Effect of waste binder material usage rate on thixotropic behaviour of cementitious systems**  
Biricik Ö., Aytakin B., Mardani A.  
Construction and Building Materials, vol.403, 2023 (SCI-Expanded)
- XXIX. **Performance assessment of recycled waste materials for use in unbound pavement Layers: A case study from Turkey**  
Aytakin B., MARDANI A., Unsever Y. S.  
CONSTRUCTION AND BUILDING MATERIALS, vol.402, 2023 (SCI-Expanded)
- XXX. **Usability of sustainable materials on bacteria-based self-healing in cementitious systems**  
Yazici Ş., Güller C., Ayekin B., MARDANI A., Akkaya A.  
JOURNAL OF INTELLIGENT MATERIAL SYSTEMS AND STRUCTURES, vol.34, no.17, pp.1998-2019, 2023 (SCI-Expanded)
- XXXI. **Mechanical and Durability Performance of Macro Polypropylene Fibrous Concrete**  
Latifi M. R., BİRİCİK Ö., MARDANI A.



- IRANIAN POLYMER JOURNAL, vol.32, no.9, pp.1149-1164, 2023 (SCI-Expanded)
- XXXII. **Assessment of mechanical properties of fiber reinforced cementitious system exposed to high temperature**  
Biricik Ö., Bayqra S. H., Kaya Y., Mardani A.  
STRUCTURAL CONCRETE, vol.24, no.4, pp.4733-4750, 2023 (SCI-Expanded)
- XXXIII. **Effect of Chain Characteristics of Polycarboxylate-Based Water-Reducing Admixtures on Behavior of Cementitious Systems: A Review**  
Koby V., Karakuzu K., MARDANI A., FELEKOĞLU B., Ramyar K.  
Journal of Materials in Civil Engineering, vol.35, no.8, 2023 (SCI-Expanded)
- XXXIV. **Mechanical properties, durability performance and interlayer adhesion of 3DPC mixtures: A state-of-the-art review**  
Şahin H. G., Mardani A.  
STRUCTURAL CONCRETE, vol.24, no.4, pp.5481-5505, 2023 (SCI-Expanded)
- XXXV. **Single and Multi Effects of Polycarboxylate Main and Side Chain Lengths on Setting Time, Viscosity, and Yield Stress of Cementitious Mixtures Containing Fly Ash**  
ALTUN M. G., Ozen S., Karakuzu K., MARDANI A., Ramyar K.  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.35, no.7, 2023 (SCI-Expanded)
- XXXVI. **Combined interaction of PCE chains lengths, C3A and water content in cementitious systems**  
Koby V., Karakuzu K., MARDANI A., Felekog B., Ramyar K.  
CONSTRUCTION AND BUILDING MATERIALS, vol.378, 2023 (SCI-Expanded)
- XXXVII. **State-of-art review of bacteria-based self-healing concrete: Biomineralization process, crack healing, and mechanical properties**  
Aytekin B., MARDANI A., Yazici S.  
CONSTRUCTION AND BUILDING MATERIALS, vol.378, 2023 (SCI-Expanded)
- XXXVIII. **Effect of delayed placement of layers on permeability and durability of roller-compacted concrete containing fly ash**  
Bayqra S. H., Mardani A., Özen S., Ramyar K.  
INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING, vol.24, no.2, pp.1-16, 2023 (SCI-Expanded)
- XXXIX. **Flowability, Strength, and Water Absorption of Mortars Containing Fly Ash and WRA Having Varying Main Chain Lengths**  
Altun M. G., Özen S., Mardani A., Ramyar K.  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.35, no.4, 2023 (SCI-Expanded)
- XL. **Utilization of high-range water reducing admixture having air-entraining agents in cementitious systems**  
Sahin H. G., Mardani A., Ozen S., Emin A.  
JOURNAL OF BUILDING ENGINEERING, vol.64, 2023 (SCI-Expanded)
- XLI. **Assessment of mechanical properties of steel fiber reinforced mortar mixtures containing lightweight aggregates improved by bacteria**  
Yazici S., Ayekin B., Mardani Aghabaglou A., Guller C.  
JOURNAL OF SUSTAINABLE CEMENT-BASED MATERIALS, vol.12, no.2, pp.97-115, 2023 (SCI-Expanded)
- XLII. **Effect of metakaolin utilization ratio and loop method-pre-shearing process variation on rheological properties of cementitious systems having different C3A content**  
BİRİCİK Ö., Sahin H. G., MARDANI A.  
CEMENT & CONCRETE COMPOSITES, vol.136, 2023 (SCI-Expanded)
- XLIII. **Limestone replacements by fine crushed concrete and ceramic wastes during the production of Portland cement**  
Assaad J. J., MARDANI A.  
JOURNAL OF SUSTAINABLE CEMENT-BASED MATERIALS, vol.12, no.11, pp.1447-1459, 2023 (SCI-Expanded)
- XLIV. **Effect of Colemanite Ore Wastes Utilization on Fresh Properties and Compressive Strength of Cementitious Systems**  
Özen S., Durgun M. Y., Koby V., Karakuzu K., Mardani A.

- ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.47, no.10, pp.12873-12887, 2022 (SCI-Expanded)
- XLV. **Effect of Water-Reducing Admixtures Having Hybrid Silicon Air-Entraining Surfactants on Some Properties of Concrete Mixtures**  
Emin A., Özen S., Mardani A., Ünlü A., Kaptı T.  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.34, no.9, 2022 (SCI-Expanded)
- XLVI. **Parameters affecting thixotropic behavior of self compacting concrete and 3D printable concrete; a state-of-the-art review**  
Biricik Ö., Mardani Aghabaglou A.  
CONSTRUCTION AND BUILDING MATERIALS, vol.339, 2022 (SCI-Expanded)
- XLVII. **Multi-effect of superplasticisers main and side-chain length on cementitious systems with fly ash**  
Ozen S., Altun M. G., MARDANI AGHABAGLOU A., Ramyar K.  
MAGAZINE OF CONCRETE RESEARCH, vol.74, no.14, pp.727-739, 2022 (SCI-Expanded)
- XLVIII. **Effect of amine and glycol-based grinding aids utilization rate on grinding efficiency and rheological properties of cementitious systems**  
Kobyva V., Kaya Y., MARDANI AGHABAGLOU A.  
JOURNAL OF BUILDING ENGINEERING, vol.47, 2022 (SCI-Expanded)
- XLIX. **Sustainable Materials: A Review of Recycled Concrete Aggregate Utilization as Pavement Material**  
Aytakin B., Mardani Aghabaglou A.  
TRANSPORTATION RESEARCH RECORD, vol.2676, no.3, pp.468-491, 2022 (SCI-Expanded)
- L. **Effect of the addition of polypropylene fiber on concrete properties**  
Latifi M. R., BİRİCİK Ö., MARDANI AGHABAGLOU A.  
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.36, no.4, pp.345-369, 2022 (SCI-Expanded)
- LI. **Specimen size and shape effects on strength of concrete in the absence and presence of steel fibers**  
Mardani A., Bayqara S. H., Nobakhtjoo A.  
REVISTA DE LA CONSTRUCCION, vol.20, no.1, pp.128-144, 2022 (SCI-Expanded)
- LII. **Effect of high temperature on polypropylene fiber-reinforced mortars containing colemanite wastes**  
Durgun M. Y., Ozen S., Karakuzu K., Kobyva V., Bayqra S. H., MARDANI AGHABAGLOU A.  
CONSTRUCTION AND BUILDING MATERIALS, vol.316, 2022 (SCI-Expanded)
- LIII. **Physical and mechanical properties of high volume fly ash roller compacted concrete pavement (A laboratory and case study)**  
Bayqra S. H., Mardani Aghabaglou A., Ramyar K.  
CONSTRUCTION AND BUILDING MATERIALS, vol.314, 2022 (SCI-Expanded)
- LIV. **Effect of High-Range Water-Reducing Admixture Chain Lengths on Self-Consolidating Concrete**  
Özen S., Altun . G., Mardani Aghabaglou A., Ramyar K.  
ACI MATERIALS JOURNAL, vol.119, no.1, pp.29-38, 2022 (SCI-Expanded)
- LV. **Effect of delayed placement of layers on permeability and durability of roller-compacted concrete containing fly ash**  
Bayqra S. H., Mardani A., Ozen S., Ramyar K.  
INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING, vol.24, no.2, 2022 (SCI-Expanded)
- LVI. **Polycarboxylate-based water reducing admixture - clay compatibility; literature review**  
Sahin H. G., Biricik Ö., Mardani Aghabaglou A.  
JOURNAL OF POLYMER RESEARCH, vol.29, no.1, 2022 (SCI-Expanded)
- LVII. **Assessment of materials, design parameters and some properties of 3D concrete a state-of-the-art review**  
Şahin H. G., Mardani Aghabaglou A.  
CONSTRUCTION AND BUILDING MATERIALS, vol.316, 2022 (SCI-Expanded)
- LVIII. **Effects of material properties on the mechanical and durability behaviors of Khorasan mortar mixtures: a review**  
Isafca T., Karakuzu K., Ozen S., DOĞANGÜN A., MARDANI AGHABAGLOU A.  
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.35, no.23, pp.2507-2528, 2021 (SCI-Expanded)
- LIX. **Adsorption properties of polycarboxylate ether-based high range water reducing admixture on**

**cementitious systems: A review**

Karakuzu K., Kobya V., MARDANI AGHABAGLOU A., FELEKOĞLU B., Ramyar K.  
CONSTRUCTION AND BUILDING MATERIALS, vol.312, 2021 (SCI-Expanded)

- LX. **Effect of mineral additives and permeability reducing admixtures having different action mechanisms on mechanical and durability performance of cementitious systems**  
Nematzadeh A., AYTEKİN B., MARDANI AGHABAGLOU A.  
FRONTIERS OF STRUCTURAL AND CIVIL ENGINEERING, vol.15, no.5, pp.1277-1291, 2021 (SCI-Expanded)
- LXI. **Assessment and prediction of cement paste flow behavior; Marsh-funnelflow time and mini-slump values**  
Mardani Aghabaglou A., Öztürk H. T., Kankal M., Ramyar K.  
Construction And Building Materials, vol.301, no.1, 2021 (SCI-Expanded)
- LXII. **Effects of anionic monomer type of water-reducing admixture on fresh properties, compressive strength and water adsorption of self-compacting concrete**  
Özen S., Altun M. G., Mardani-Aghabaglou A., Ünlü A., Ramyar K.  
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.35, no.11, pp.1203-1218, 2021 (SCI-Expanded)
- LXIII. **Assessment of cement characteristics affecting rheological properties of cement pastes**  
Mardani Aghabaglou A., Kankal M., Nacar S., Felekoğlu B., Ramyar K.  
Neural Computing & Applications, vol.1, no.19, pp.1-22, 2021 (SCI-Expanded)
- LXIV. **Effect of Side Chain Length Change of Polycarboxylate-Ether-Based High-Range Water-Reducing Admixture on Properties of Cementitious Systems Containing Fly Ash**  
Altun M. G., Özen S., MARDANI AGHABAGLOU A.  
Journal of Materials in Civil Engineering, vol.33, no.4, 2021 (SCI-Expanded)
- LXV. **Durability performance and dimensional stability of road concrete containing dry-shake surface hardener admixture**  
Mardani Aghabaglou A., Karakuzu K., Kobya V., Hatungimana D.  
CONSTRUCTION AND BUILDING MATERIALS, vol.274, 2021 (SCI-Expanded)
- LXVI. **Vibration analysis of steel fiber reinforced self-compacting concrete beam on elastic foundation**  
Ozdemir M. T., Kobya V., YAYLI M. Ö., MARDANI AGHABAGLOU A.  
COMPUTERS AND CONCRETE, vol.27, no.2, pp.85-97, 2021 (SCI-Expanded)
- LXVII. **Effect of false set related anomalies on rheological properties of cement paste mixtures in the presence of high range water reducing admixture**  
MARDANI AGHABAGLOU A., FELEKOĞLU B., RAMYAR K.  
Structural Concrete, vol.22, no.S1, 2021 (SCI-Expanded)
- LXVIII. **Characterization of sewage sludge incineration ashes from multi-cyclones and baghouse dust filters as possible cement substitutes**  
Salihoğlu G., Mardani Aghabaglou A.  
Environmental Science and Pollution Research, vol.28, no.1, pp.645-663, 2021 (SCI-Expanded)
- LXIX. **COMPARISON OF FRESH AND HARDENED PROPERTIES OF SELF-COMPACTING CONCRETE MIXTURE FROM DIFFERENT ASPECT RATIO OF STEEL FIBER VIEW POINT**  
Ouedraogo H. A., Ozen S., Kobya V., SAĞIROĞLU S., MARDANI AGHABAGLOU A.  
JOURNAL OF GREEN BUILDING, vol.16, no.1, pp.115-138, 2021 (AHCI)
- LXX. **Effect of main and side chain length change of polycarboxylate-ether-based water-reducing admixtures on the fresh state and mechanical properties of cementitious systems**  
Ozen S., Altun M. G., MARDANI AGHABAGLOU A., RAMYAR K.  
STRUCTURAL CONCRETE, vol.22, no.S1, 2021 (SCI-Expanded)
- LXXI. **DETERMINATION OF RADON AND NATURAL RADIOACTIVITY CONCENTRATION IN SOME BUILDING MATERIALS USED IN IZMIR, TURKEY**  
Hatungimana D., TAŞKÖPRÜ C., İÇHEDEF M., SAÇ M. M., YAZICI Ş., MARDANI AGHABAGLOU A.  
JOURNAL OF GREEN BUILDING, vol.15, no.1, pp.107-118, 2020 (AHCI)
- LXXII. **Prediction of mechanical and penetrability properties of cement-stabilized clay exposed to sulfate attack by use of soft computing methods**

- SEZER A., İNAN SEZER G., MARDANI AGHABAGLOU A., ALTUN S.  
NEURAL COMPUTING & APPLICATIONS, vol.32, no.21, pp.16707-16722, 2020 (SCI-Expanded)
- LXXIII. **Effect of the polycarboxylate based water reducing admixture structure on self-compacting concrete properties: Main chain length**  
Ozen S., Altun M. G., MARDANI AGHABAGLOU A.  
CONSTRUCTION AND BUILDING MATERIALS, vol.255, 2020 (SCI-Expanded)
- LXXIV. **Effect of nonionic side chain length of polycarboxylate-ether-based high-range water-reducing admixture on properties of cementitious systems**  
Özen S., Altun M. G., MARDANI AGHABAGLOU A., RAMYAR K.  
Frontiers of Structural and Civil Engineering, vol.14, pp.1573-1582, 2020 (SCI-Expanded)
- LXXV. **Effect of side chain length change of polycarboxylate-ether based high range water reducing admixture on properties of self-compacting concrete**  
Altun M. G., Ozen S., MARDANI AGHABAGLOU A.  
CONSTRUCTION AND BUILDING MATERIALS, vol.246, 2020 (SCI-Expanded)
- LXXVI. **EFFECT OF POLYMER/CEMENT RATIO AND CURING REGIME ON POLYMER MODIFIED MORTAR PROPERTIES**  
Hatungimana D., YAZICI Ş., MARDANI AGHABAGLOU A.  
JOURNAL OF GREEN BUILDING, vol.15, no.3, pp.177-193, 2020 (AHCI)
- LXXVII. **Effect of curing conditions during the first 24 hours after casting on the properties of mortar mixtures**  
MARDANI AGHABAGLOU A., Ozen S., Altun M. G.  
REVISTA DE LA CONSTRUCCION, vol.19, no.1, pp.68-79, 2020 (SCI-Expanded)
- LXXVIII. **Effect of styrene-butadiene copolymer (Sbr) latex on mechanical and transport properties of portland cement mortar**  
Hatungimana D., YAZICI Ş., Orhan Ş., MARDANI AGHABAGLOU A.  
Journal of Green Building, vol.15, no.4, pp.185-197, 2020 (AHCI)
- LXXIX. **Recycling of sewage sludge incineration ashes as construction material**  
Yigit B., SALİHOĞLU G., MARDANI AGHABAGLOU A., SALİHOĞLU N. K., Ozen S.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.3, pp.1647-1664, 2020 (SCI-Expanded)
- LXXX. **EFFECT OF RECYCLED CONCRETE AGGREGATE QUALITY ON PROPERTIES OF CONCRETE**  
Hatungimana D., YAZICI Ş., MARDANI AGHABAGLOU A.  
JOURNAL OF GREEN BUILDING, vol.15, no.2, pp.57-70, 2020 (AHCI)
- LXXXI. **THE ROLE OF NA(2)O(EQ) RATIO ON THE FLOWABILITY AND STRENGTH DEVELOPMENT OF CEMENTITIOUS SYSTEMS IN THE PRESENCE OF A POLYCARBOXYLATE ETHER-BASED ADMIXTURE**  
MARDANI AGHABAGLOU A., FELEKOĞLU B., RAMYAR K.  
JOURNAL OF GREEN BUILDING, vol.14, no.1, pp.93-109, 2019 (AHCI)
- LXXXII. **The effect of shrinkage reducing admixture and polypropylene fibers on drying shrinkage behaviour of concrete**  
MARDANI AGHABAGLOU A., İlhan M., Ozen S.  
CEMENT WAPNO BETON, vol.24, no.3, pp.227-238, 2019 (SCI-Expanded)
- LXXXIII. **Improving the mechanical and durability performance of recycled concrete aggregate-bearing mortar mixtures by using binary and ternary cementitious systems**  
MARDANI AGHABAGLOU A., YÜKSEL C., Beglarigale A., RAMYAR K.  
CONSTRUCTION AND BUILDING MATERIALS, vol.196, pp.295-306, 2019 (SCI-Expanded)
- LXXXIV. **Transport properties and freeze-thaw resistance of mortar mixtures containing recycled concrete and glass aggregates**  
MARDANI AGHABAGLOU A., Beglarigale A., YAZICI H., RAMYAR K.  
EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, vol.23, no.1, pp.53-69, 2019 (SCI-Expanded)
- LXXXV. **COMPARISON OF RECYCLED GLASS AND RECYCLED CONCRETE AGGREGATES BEARING MORTAR**

## **MIXTURES EXPOSED TO HIGH TEMPERATURE, ABRASION AND DRYING**

MARDANI AGHABAGLOU A., Beglarigale A., Yazici H., RAMYAR K.

JOURNAL OF GREEN BUILDING, vol.13, no.4, pp.39-59, 2018 (AHCI)

### **LXXXVI. Sustainability of cement-stabilised clay: sulfate resistance**

BOZYIĞIT İ., MARDANI AGHABAGLOU A., SEZER A., ALTUN S., İNAN SEZER G.

PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-ENGINEERING SUSTAINABILITY, vol.171, no.5, pp.254-274, 2018 (SCI-Expanded)

### **LXXXVII. DURABILITY PERFORMANCE AND DIMENSIONAL STABILITY OF POLYPROPYLENE FIBER REINFORCED CONCRETE**

MARDANI AGHABAGLOU A., Ozen S., Altun M. G.

JOURNAL OF GREEN BUILDING, vol.13, no.2, pp.20-41, 2018 (AHCI)

### **LXXXVIII. EFFECT OF CEMENT FINENESS ON PROPERTIES OF CEMENTITIOUS MATERIALS CONTAINING HIGH RANGE WATER REDUCING ADMIXTURE**

MARDANI AGHABAGLOU A., Son A. E., FELEKOĞLU B., RAMYAR K.

JOURNAL OF GREEN BUILDING, vol.12, no.1, pp.142-167, 2017 (AHCI)

### **LXXXIX. Effect of Cement C3A Content on Properties of Cementitious Systems Containing High-Range Water-Reducing Admixture**

MARDANI AGHABAGLOU A., FELEKOĞLU B., RAMYAR K.

JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.29, no.8, 2017 (SCI-Expanded)

### **XC. Alkali-Silica Reaction Expansions and the Extent of Alkali Leaching in Concretes Containing Basalt and Waste Glass as Aggregate**

YÜKSEL C., MARDANI AGHABAGLOU A., Beglarigale A., YAZICI H., RAMYAR K., ANDIÇ ÇAKIR Ö.

TEKNIK DERGI, vol.28, no.2, pp.7865-7882, 2017 (SCI-Expanded)

### **XCI. Properties of self-consolidating concrete incorporating coarse recycled concrete aggregate**

YAZICI Ş., MARDANI AGHABAGLOU A., Tuyan M.

CEMENT WAPNO BETON, vol.22, no.2, pp.168-179, 2017 (SCI-Expanded)

### **XCII. Microstructural Analyses of Recycled Aggregate-Bearing Mortar Mixture**

MARDANI AGHABAGLOU A., Beglarigale A., YAZICI H., RAMYAR K.

ACI MATERIALS JOURNAL, vol.113, no.6, pp.769-780, 2016 (SCI-Expanded)

### **XCIII. PERFORMANCE OF STEEL MICRO FIBER REINFORCED MORTAR MIXTURES CONTAINING PLAIN, BINARY AND TERNARY CEMENTITIOUS SYSTEMS**

MARDANI AGHABAGLOU A., YÜKSEL C., Hosseinezhad H., RAMYAR K.

JOURNAL OF GREEN BUILDING, vol.11, no.4, pp.109-130, 2016 (AHCI)

### **XCIV. An Investigation into Strength and Permittivity of Compacted Sand-Clay Mixtures by Partial Replacement of Water with Lignosulfonate**

Sezer A., MARDANI AGHABAGLOU A., Boz A., Tanrinian N.

ACTA PHYSICA POLONICA A, vol.130, no.1, pp.23-27, 2016 (SCI-Expanded)

### **XCIV. Assessment of the effect of sulfate attack on cement stabilized montmorillonite**

BOZYIĞIT İ., MARDANI AGHABAGLOU A., İNAN SEZER G., ALTUN S., SEZER A.

GEOMECHANICS AND ENGINEERING, vol.10, no.6, pp.807-826, 2016 (SCI-Expanded)

### **XCVI. Effect of gypsum type on properties of cementitious materials containing high range water reducing admixture**

MARDANI AGHABAGLOU A., Boyaci O. C., Hosseinezhad H., Felekoglu B., RAMYAR K.

CEMENT & CONCRETE COMPOSITES, vol.68, pp.15-26, 2016 (SCI-Expanded)

### **XCVII. Influence of water/powder ratio and powder type on alkali-silica reactivity and transport properties of self-consolidating concrete**

YÜKSEL C., MARDANI AGHABAGLOU A., Beglarigale A., Yazici H., RAMYAR K., Andic-Cakir O.

MATERIALS AND STRUCTURES, vol.49, pp.289-299, 2016 (SCI-Expanded)

### **XCVIII. Freeze-thaw resistance and chloride-ion penetration of cement-stabilized clay exposed to sulfate attack**

MARDANI AGHABAGLOU A., BOZYIĞIT İ., SEZER A., SEZER A., ALTUN S.

- APPLIED CLAY SCIENCE, vol.115, pp.179-188, 2015 (SCI-Expanded)
- XCIX. Water Transport of Lightweight Concrete with Different Aggregate Saturation Levels**  
Mardani Aghabaglou A., Yogurtcu E., Andic-Cakir O.  
ACI MATERIALS JOURNAL, vol.112, no.5, pp.681-691, 2015 (SCI-Expanded)
- C. Mechanical and durability performance of concrete incorporating fine recycled concrete and glass aggregates**  
MARDANI AGHABAGLOU A., Tuyan M., RAMYAR K.  
MATERIALS AND STRUCTURES, vol.48, no.8, pp.2629-2640, 2015 (SCI-Expanded)
- CI. Mechanical properties and impact resistance of roller-compacted concrete containing polypropylene fibre**  
YAZICI Ş., MARDANI AGHABAGLOU A., Tuyan M., Ute A. A.  
MAGAZINE OF CONCRETE RESEARCH, vol.67, no.16, pp.867-875, 2015 (SCI-Expanded)
- CII. Comparison of fly ash, silica fume and metakaolin from mechanical properties and durability performance of mortar mixtures view point**  
Mardani-Aghabaglou A., Sezer G. I., RAMYAR K.  
CONSTRUCTION AND BUILDING MATERIALS, vol.70, pp.17-25, 2014 (SCI-Expanded)
- CIII. Freeze-thaw resistance, mechanical and transport properties of self-consolidating concrete incorporating coarse recycled concrete aggregate**  
Tuyan M., Mardani-Aghabaglou A., RAMYAR K.  
MATERIALS & DESIGN, vol.53, pp.983-991, 2014 (SCI-Expanded)
- CIV. Effect of different types of superplasticizer on fresh, rheological and strength properties of self-consolidating concrete**  
Mardani-Aghabaglou A., Tuyan M., Yilmaz G., Arioz O., RAMYAR K.  
CONSTRUCTION AND BUILDING MATERIALS, vol.47, pp.1020-1025, 2013 (SCI-Expanded)
- CV. Freeze-thaw resistance and transport properties of high-volume fly ash roller compacted concrete designed by maximum density method**  
Mardani-Aghabaglou A., Andic-Cakir O., RAMYAR K.  
CEMENT & CONCRETE COMPOSITES, vol.37, pp.259-266, 2013 (SCI-Expanded)
- CVI. Mechanical properties of high-volume fly ash roller compacted concrete designed by maximum density method**  
Mardani-Aghabaglou A., RAMYAR K.  
CONSTRUCTION AND BUILDING MATERIALS, vol.38, pp.356-364, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. Effect of Modified Triethanolamine on Grinding Efficiency and Performance of Cementitious Materials**  
Kaya Y., Kobya V., Mardani A., Assaad J. J.  
TalantaOpen, vol.9, pp.1-16, 2024 (ESCI)
- II. Journal of Modern Technology and Engineering**  
Şahin H. G., MARDANI A.  
Journal of Modern Technology and Engineering, 2024 (Peer-Reviewed Journal)
- III. Effect of Urea Usage Rate on Thixotropic Behavior of Cementitious Systems**  
Çaparoğlu N., Biricik Ö., Mardani A.  
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics, vol.23, pp.173-178, 2023 (Peer-Reviewed Journal)
- IV. The Effect of Clay Type, Fineness and Methylene Blue Value on Mini-Slump Performance of Cementitious Systems**  
Şahin F., BİRİCİK Ö., MARDANI A.  
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), vol.23, pp.539-547,

2023 (Peer-Reviewed Journal)

- V. **The Effect of Clay Type, Fineness and Methylene Blue Value on MiniSlump Performance of Cementitious Systems**  
Şahin F., Biricik Ö., Mardani A.  
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics, vol.23, pp.539-547, 2023 (Peer-Reviewed Journal)
- VI. **Effect of air-entraining admixture usage rate on dynamic yield stress and viscosity in Portland cement systems containing urea**  
BİRİCİK Ö., Çaparoğlu N., MARDANI A.  
European Journal of Engineering and Natural Sciences (EJENS), vol.8, no.1, pp.57-64, 2023 (Peer-Reviewed Journal)
- VII. **Effect of Boron Waste on Mechanical and Durability Properties of Concrete**  
BİRİCİK Ö., ÖZEN S., MARDANI A.  
European Journal of Engineering and Natural Sciences (EJENS), vol.8, no.8, pp.50-56, 2023 (Peer-Reviewed Journal)
- VIII. **Effect of water reducing admixture main and side chain length variation on time-dependent slump-flow performance of mixtures with different C3A content**  
KOBYA V., KARAKUZU K., MARDANI A.  
International Journal of Science, Engineering and Management (IJSEM), vol.10, no.1, pp.28-30, 2023 (Peer-Reviewed Journal)
- IX. **Determination of optimum VMA utilization dosage in cementitious systems: In terms of rheological and flowability properties**  
Şahin H. G., Temel M., Mardani A.  
MATERIALS TODAY : PROCEEDINGS, vol.79, pp.1-5, 2023 (Peer-Reviewed Journal)
- X. **Investigation of pozzolanic activity of recycled concrete powder: Effect of cement fineness, grain size distribution and water/cement ratio**  
Kaya Y., Aytakin B., Kaya T., Mardani A.  
MATERIALS TODAY : PROCEEDINGS, vol.79, pp.1-7, 2023 (Peer-Reviewed Journal)
- XI. **Effect of Water Reducing Admixture Main and Side Chain Length Variation on the Time Dependent Slump Flow Performance of Mixtures with Different C3A Content**  
KOBYA V., KARAKUZU K., MARDANI A.  
International Journal of Science Engineering and Management, vol.10, no.1, pp.28-30, 2023 (Peer-Reviewed Journal)
- XII. **The Effect of Sulfonate and Phosphate Anionic Monomers of Water Reducing Admixtures on Fresh State and Mechanical Properties of Self Compacting Concrete**  
M. G. A., ÖZEN S., KARAKUZU K., MARDANI A.  
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.27, no.2, pp.699-716, 2022 (Peer-Reviewed Journal)
- XIII. **Yüksek Sıcaklığın Polipropilen Lif Takviyeli Horasan Harcının Bazı Özelliklerine Etkisi**  
İsafça Kaya T., Karakuzu K., Mardani A., Doğançün A.  
Avrupa Bilim ve Teknoloji Dergisi, vol.37, pp.96-101, 2022 (Peer-Reviewed Journal)
- XIV. **Reolojik Parametreleri Ölçülebilen Farklı C3A Oranına Sahip Hamur Karışımlarında Optimum Su Azaltıcı Katkı Dozajının ve Su Muhtevasının Belirlenmesi**  
Karakuzu K., Kobya V., Mardani A.  
Avrupa Bilim ve Teknoloji Dergisi, vol.37, pp.17-20, 2022 (Peer-Reviewed Journal)
- XV. **Effect of Cement C3A Content on Some Fresh State Properties and Compressive Strength of 3D Printing Concrete Mixtures**  
Şahin H. G., MARDANI A.  
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.27, no.2, pp.831-846, 2022 (Peer-Reviewed Journal)
- XVI. **EFFECT OF WATER CURING TEMPERATURE ON COMPRESSIVE STRENGTH DEVELOPMENT AND WATER ABSORPTION CAPACITY OF MORTAR MIXTURES**  
MARDANI AGHABAGLOU A., Ozen S., Altun M. G., Faqiri Z. A.



SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.38, no.1, pp.135-148, 2020 (ESCI)

- XVII. **Effect of utilization of mineral admixture on the fresh and hardened properties of air-entrained cement mortars**  
Geven E., ÖZEN S., MARDANI AGHABAGLOU A.  
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.26, no.6, pp.1053-1061, 2020 (ESCI)
- XVIII. **Review of research on designing methods and properties of roller compacted concrete mixtures**  
MARDANI AGHABAGLOU A., Bayqra S. H., Ozen S., Altun M. G., Faqiri Z. A., RAMYAR K.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.26, no.3, pp.419-431, 2020 (ESCI)
- XIX. **Silindirle Sıkıştırılmış Beton Karışımlarında Kullanılan Malzemelerin Özellikleri**  
MARDANI AGHABAGLOU A., BAYQRA S. H., ÖZEN S., Faqiri z. A., RAMYAR K.  
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.12, no.1, pp.61-72, 2020 (Peer-Reviewed Journal)
- XX. **Durability Performance and Dimensional Stability of Roller Compacted Concrete: Comprehensive Review**  
MARDANI AGHABAGLOU A., BAYQRA S. H., ÖZEN S., Faqiri z. A., RAMYAR K.  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.7, no.3, pp.1597-1626, 2019 (Peer-Reviewed Journal)
- XXI. **EFFECT OF DIFFERENT PERMEABILITY REDUCING ADMIXTURE ON FLOWABILITY PERFORMANCE OF DIFFERENT TYPE OF MINERAL ADMIXTURE-CONTAINING MORTAR MIXTURES**  
Nematzadeh A., Geven E., Ozen S., İlhan M., Mardani Aghabaglou A.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.37, pp.625-640, 2019 (ESCI)
- XXII. **Buckling analysis of steel fiber column with different cross-section and boundary conditions using Euler-Bernoulli beam theory**  
Özdemir M. T., Kobyra V., YAYLI M. Ö., MARDANI AGHABAGLOU A.  
International Journal of Engineering Applied Sciences (IJEAS), vol.11, no.1, pp.330-344, 2019 (Peer-Reviewed Journal)
- XXIII. **EFFECT OF UTILIZATION OF DIFFERENT TYPE OF MINERAL ADMIXTURE ON FRESH AND HARDENED PROPERTIES OF CEMENTITIOUS SYSTEMS**  
MARDANI AGHABAGLOU A., Nematzadeh A., Geven E.  
Sakarya University Journal of Science, vol.23, pp.1, 2019 (Peer-Reviewed Journal)
- XXIV. **The effect of using polypropylene fiber on drying shrinkage of natural hydraulic lime mortars**  
Muhammet Gökhan A., ÖZEN S., MARDANI AGHABAGLOU A.  
Sakarya University Journal of Science, vol.22, no.2, pp.427-435, 2018 (Peer-Reviewed Journal)
- XXV. **Farklı puzolanların tekli, ikili ve üçlü çimentolu sistemleri içeren harç karışımlarının dayanımı ve geçirgenlik performansı açısından kıyaslanması**  
MARDANI AGHABAGLOU A., ÖZEN S., BAYQRA S. H., OUEDRAOGO H. A.  
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.20, no.1, pp.612-625, 2018 (Peer-Reviewed Journal)
- XXVI. **Effect of shrinkage reducing admixture on compressive strength, water absorption and drying-shrinkage of mortar mixture in the presence of water reducing admixture**  
MARDANI AGHABAGLOU A., İlhan M.  
Sakarya University Journal of Science, vol.22, no.2, pp.417-426, 2018 (Peer-Reviewed Journal)
- XXVII. **EFFECT OF AGGREGATE GRAIN SIZE DISTRIBUTION ON PROPERTIES OF PERMEABLE CONCRETE**  
Yazici S., Mardani-Aghabaglou A.  
JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES, vol.9, no.1, pp.323-338, 2017 (Peer-Reviewed Journal)
- XXVIII. **CEM I VE CEM II Çimentosu İçeren Beton Karışımlarının Kıyaslamalı İncelenmesi**  
Onur Can B., MARDANI AGHABAGLOU A., RAMYAR K.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part:C, Tasarım Ve Teknoloji, vol.4, no.4, pp.205-212, 2016 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Silindir İle Sıkıştırılan Beton Özellikleri**  
RAMYAR K., MARDANI A.  
Bursa Uludağ Üniversitesi Yayınları, Bursa, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Polycarboxylate Ether-Based Grinding Aids on Clinker Grinding Performance**  
Kadiođlu İzgör G., KOBYA V., kaya y., Çaparöđlu N., MARDANI A.  
6th International Anatolian Scientific Research Congress, Konya, Turkey, 8 - 10 November 2024, pp.1-5
- II. **Determination of Mix Proportion For RCC Mixtures Produced By Maximum Density Method**  
ÜNVERDİ M., Kaya Y., MARDANI A.  
6th International Anatolian Scientific Research Congress, Konya, Turkey, 8 - 10 November 2024
- III. **Evaluation of the Performance of Amine-Based Grinding Aids**  
KOBYA V., Kaya Y., MARDANI A.  
The Third International Conference on Applied Mathematics in Engineering, Balıkesir, Turkey, 26 - 28 June 2024
- IV. **Optimization of Grinding Conditions during the Clinker Grinding Stage**  
Kaya Y., KOBYA V., MARDANI A.  
The Third International Conference on Applied Mathematics in Engineering, Balıkesir, Turkey, 26 - 28 June 2024
- V. **Polipropilen Liflerin 1-Vinil İmidazol ile Modifikasyonunun Çimentoya Dayanıklılık Kazandırması**  
Balci P., Karali Ö., kaya y., ÖZEN S., MARDANI A., KARA A.  
Ankara International Congress On Scientific Research-X, Ankara, Turkey, 25 - 27 June 2024
- VI. **The Effect of Polycarboxylate Ether-based Grinding Facilitator Additives on the Unit Weight of Cement Mortars**  
kaya y., KOBYA V., MARDANI A.  
Ankara International Congress On Scientific Research-X, Ankara, Turkey, 25 - 27 June 2024
- VII. **The Effect of Polycarboxylate Ether-based Grinding Aids on the Unit Weight of Cement Mortars**  
kaya y., KOBYA V., MARDANI A.  
The Effect of Polycarboxylate Ether-based Grinding Aids on the Unit Weight of Cement Mortars, Ankara, Turkey, 25 - 27 June 2024
- VIII. **1-Vinil İmidazol Kimyasalı ile Yüzey Aktifleştirme İşlemi Yapılan Polipropilen Liflerin Harç Karışımların Taze Hal, Eğilme ve Basınç Dayanımları Üzerine Etkisi**  
Karali Ö., kaya y., Balci P., ÖZEN S., MARDANI A., KARA A.  
Ankara International Congress On Scientific Research-X, Ankara, Turkey, 25 - 27 June 2024
- IX. **THE EFFECT OF THE USE OF POLYPROPYLENE FIBER WITH SURFACE MODIFICATION ON SOME CEMENTITIOUS SYSTEM PROPERTIES**  
KARALI Ö., KAYA Y., BALCI P., ÖZEN S., MARDANI A., KARA A.  
ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH-X, Ankara, Turkey, 25 - 27 June 2024, vol.1, pp.1135-1142
- X. **THE CEMENT DURABILITY ENHANCEMENT THROUGH POLYPROPYLENE FIBERS MODIFIED WITH 1-VINYL IMIDAZOLE**  
BALCI P., KARALI Ö., KAYA Y., ÖZEN S., MARDANI A., KARA A.  
ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH-X, Ankara, Turkey, 25 July - 27 June 2024, vol.1, pp.1129-1134
- XI. **Akıllı Polipropilen Liflerin Geliştirilmesi**  
BALCI P., KARALI Ö., KAYA Y., ÖZEN S., MARDANI A., KARA A.  
KROMATOĞRAFİ XXI, Erzurum, Turkey, 11 - 13 July 2024
- XII. **Effect of Polypropylene Fiber Aspect Ratio and Use Rate on The Wear Resistance of Lightweight Facade Concrete**

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The 3rd International Conference on Applied Mathematics in Engineering (ICAME'24), Balıkesir, Turkey, 26 - 28 June 2024

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Beytekin H. E., Kaya Y., MARDANI A., ŞENKAL SEZER F.

The 3rd International Conference on Applied Mathematics in Engineering (ICAME'24), Balıkesir, Turkey, 26 - 28 June 2024

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Asia Pasific 10th International Modern Sciences Congress, Penang, Malaysia, 14 - 16 June 2024, pp.89-94

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Başar Y., Kaya Y., MARDANI A.

International Multidisciplinary Environment and Hemp Congress E-HEMP2024, Ankara, Turkey, 21 - 22 May 2024

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Polymers for a Safe and Sustainable Future, Atina, Greece, 28 - 31 May 2024

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Tashkent International Congress on Modern Sciences-IU, Chemical-Technological Institute, Taşkent, Uzbekistan, 22 - 23 April 2024, pp.362-366

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Tashkent International Congress on Modern Sciences-IU, Chemical-Technological Institute, Taşkent, Uzbekistan, 22 - 23 April 2024, pp.804-809

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Tashkent International Congress on Modern Sciences-IU, Chemical-Technological Institute, Taşkent, Uzbekistan, 22 - 23 April 2024, pp.356-361

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Şahin H. G., Akgümüş F. E., MARDANI A.

International Conference on Technology, Engineering and Science (IConTES), Antalya, Turkey, 16 - 18 November 2023

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UMTEB - XIV International Scientific Research Congress, Naples, Italy, 14 - 15 September 2023, pp.551-557
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UMTEB - XIV International Scientific Research Congress, Naples, Italy, 14 - 15 September 2023, pp.559-564
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ICRETS 2023: International Conference on Research in Engineering, Technology and Science, Budapest, Hungary, 6 - 09 July 2023, vol.23, pp.173-178
- XXXVII. **Effect of air-entraining admixture usage rate on dynamic yield stress and viscosity in Portland cement systems containing urea**

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Second International Conference on Construction Materials and Structures (ICCMS-2022), Raurkela, India, 13 - 20 December 2022, pp.1-6

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6th International Conference on Technology, Engineering and Science (ICONTES), Antalya, Turkey, 16 - 19 November 2022

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International Conference on Researches in Science and Technology - (ICRST-22), California, United States Of America, 24 September 2022, pp.1-4

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AYTEKİN B., İsafça Kaya T., kaya y., MARDANI A.  
VI-International European Conference on Interdisciplinary Scientific Research, Romania, 26 August 2022
- LIV. **Su Azaltıcı Katkı Zincir Uzunluklarının Farklı C3A İçeriğine Sahip Çimento Harçlarının Bazı Sertleşmiş Hal Özellikleri Üzerine Etkisi**  
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10th Asia Conference on Mechanical and Materials Engineering (ACMME 2022), Seoul, South Korea, 6 - 08 June 2022, pp.1-8
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- LVIII. **Effect of Elevated Temperature on Some Properties of Polypropylene Fiber Reinforced Khorasan Mortar**  
İsafça Kaya T., Karakuzu K., Mardani A., Doğangün A.  
5 th International Symposium on Innovative Approaches in Smart Technologies, Ankara, Turkey, 28 May 2022, pp.23
- LIX. **Determination of Optimum Water Reducing Admixture Dosage and Water Content in the Measurement of Rheological Parameters of Paste Mixtures Having Different C3A Ratios**  
KARAKUZU K., KOBYA V., MARDANI A.  
5th International Symposium on Innovative Approaches in Smart Technologies, Turkey, 28 May 2022
- LX. **Effect of polypropylene fiber and shrinkage reducing admixture utilization on water absorption of Khorasan mortar**  
İsafça Kaya T., Karakuzu K., Özen S., Doğangün A., Mardani A.  
3rd International Conference on Aspects of Materials Science and Engineering (ICAMSE2022), Chandigarh, India, 04 March 2022
- LXI. **Investigation of high range water-reducing admixture requirement in cementitious systems containing fly ash with different utilization ratio and fineness**

Şahin H. G., BİRİCİK Ö., MARDANI A.

International Conference on Technology, Engineering and Science, IConTES 2022, Antalya, Turkey, 16 - 19 November 2022, vol.21, pp.388-395

- LXII. **Effect of Shrinkage-Reducing Admixture Utilization on Flowability and Shrinkage Behaviour of Khorasan Mortar Mixtures**  
İsafça T., Karakuzu K., ÖZEN S., DOĞANGÜN A., MARDANI AGHABAGLOU A.  
EJONS 12th International Conference on Mathematics, Engineering, Natural & Medical Sciences, Paris, France, 09 July 2021
- LXIII. **Effect of Fiber Type And Utilization Rate on Permeability Properties And Freeze-Thaw Resistance of Mortar Mixtures**  
BİRİCİK Ö., Kaya Y., Bayqara S. H., MARDANI AGHABAGLOU A.  
EJONS 12th International Conference on Mathematics, Engineering, Natural & Medical Sciences, Paris, France, 09 July 2021
- LXIV. **Effect of High Range Water Reducing Admixture Polymer Ratio on Some Fresh State Properties of Cement**  
Karakuzu K., KOBYA V., FELEKOĞLU B., RAMYAR K., MARDANI AGHABAGLOU A.  
International Asian Congress on Contemporary Sciences-V, Nakhchivan, Azerbaijan, 01 June 2021
- LXV. **Improvement of the Mechanical and Durability Performance of Khorasan Mortar**  
Karakuzu K., İsafça T., ÖZEN S., DOĞANGÜN A., MARDANI AGHABAGLOU A.  
2nd International Congress on Construction Materials Engineering And Architecture, Ankara, Turkey, 24 May 2021
- LXVI. **The Effect of Different Types of Grinding Aids on Grinding Efficiency and Some Fresh State Characteristics of Paste Mixtures**  
Kaya Y., KOBYA V., MARDANI AGHABAGLOU A.  
2nd International Congress on Construction Materials Engineering And Architecture, Ankara, Turkey, 24 May 2021
- LXVII. **Thixotropic properties of Cementitious Systems: Importance and Measurement Methods**  
BİRİCİK Ö., Şahin H. G., MARDANI AGHABAGLOU A.  
3rd International April 23 Scientific Studies Congress, Ankara, Turkey, 23 April 2021
- LXVIII. **Effect of Polypropylene Fibers Utilization on Optimum Water Content and Consistency of Roller Compacted Concrete Road Mixtures**  
Bayqara S. H., MARDANI AGHABAGLOU A., RAMYAR K.  
3rd International April 23 Scientific Studies Congress, Ankara, Turkey, 23 April 2021
- LXIX. **The Effect of Set Retarding Admixture Utilization on the formation of Cold Joint Between Layers in Roller Compacted Concrete**  
Bayqara S. H., MARDANI AGHABAGLOU A., RAMYAR K.  
International Congress on Sciences and Engineering for Sustainability (INARS 2021), İstanbul, Turkey, 16 April 2021
- LXX. **Bacteria-Based Self-Healing in Cementitious Systems; Literature Review**  
MARDANI AGHABAGLOU A., AYTEKİN B., BİRİCİK Ö., Şahin H. G.  
5th International Congress of Academic Research (ICAR 2021), Elazığ, Turkey, 19 April 2021
- LXXI. **Effect of High Volume Fly Ash Utilization On Optimum Water Content and Consistency of Roller Compacted Concrete**  
MARDANI AGHABAGLOU A., Bayqara S. H., RAMYAR K.  
5th International Congress of Academic Research (ICAR 2021), Elazığ, Turkey, 19 April 2021
- LXXII. **A Research on the Parameters Affecting the Action Performance of Air-entraining Admixtures; Literature Review**  
Şahin H. G., BİRİCİK Ö., MARDANI AGHABAGLOU A.  
International Congress on Sciences and Engineering for Sustainability (INARS 2021), İstanbul, Turkey, 16 April 2021
- LXXIII. **Study on the Acceptance Criteria and the Effect of Materials Used in the Composition of 3D Concrete Mixtures**  
Şahin H. G., Biricik Ö., Mardani Aghabaglou A.



- 5th International Conference on Materials Engineering and Nano Sciences (ICMENS 2021), Osaka, Japan, 23 - 25 February 2021, pp.1
- LXXIV. **Effect Of Polypropylene Fiber Content on Strength of Roller Compacted Concrete Designed By Maximum Density Method**  
Bayqara S. H., MARDANI AGHABAGLOU A., RAMYAR K.  
Middle East International Conference On Contemporary Scientific Studies-V, Ankara, Turkey, 27 March 2021
- LXXV. **A Study on the Acceptance Criteria and the Effect of Materials Used in the Composition of 3D Concrete Mixtures**  
Şahin H. G., BİRİCİK Ö., MARDANI AGHABAGLOU A.  
5th International Conference on Materials Engineering and Nano Sciences (ICMENS 2021), Japan, 23 March 2021
- LXXVI. **Effect Of Fiber Type And Content On Some Hardened State Properties Of Cementitious Systems Exposed To High Temperature**  
Kaya Y., Bayqara S. H., BİRİCİK Ö., MARDANI AGHABAGLOU A.  
Middle East International Conference On Contemporary Scientific Studies-V, Ankara, Turkey, 27 March 2021, pp.230
- LXXVII. **Investigation of Water Absorption and Compressive Strength of High Volume Fly Ash containing Roller Compacted Concrete Mixtures**  
Bayqara S. H., MARDANI AGHABAGLOU A., RAMYAR K.  
5th International Conference on Materials Engineering and Nano Sciences (ICMENS 2021), Japan, 23 March 2021
- LXXVIII. **Effect of Fiber Type and Content on Fresh and Some Hardened State Properties of Cementitious Systems**  
BİRİCİK Ö., Bayqara S. H., Kaya Y., MARDANI AGHABAGLOU A.  
34th World Conference on Applied Science, Engineering & Technology (WCASET 2021), Dubai, United Arab Emirates, 23 March 2021
- LXXIX. **Effect Of Curing Condition On Strength Of High Volume Fly Ash Roller Compacted Concrete**  
Bayqara S. H., MARDANI AGHABAGLOU A., RAMYAR K.  
34th World Conference on Applied Science, Engineering & Technology (WCASET 2021), Dubai, United Arab Emirates, 23 March 2021
- LXXX. **Effect of Anionic Functional Group Change of Water Reducing Admixture and Utilization Rate of Fly Ash on Time Dependent Flowability Performance and Some Hardened Properties of Mortar Mixtures**  
Altun M. G., ÖZEN S., MARDANI AGHABAGLOU A.  
4th International Conference on Engineering Technology and Innovation (ICETI), Skopje, Macedonia, 4 - 08 November 2020, pp.12
- LXXXI. **The Enhancement Methods of Polycarboxylate-Based Water Reducing Admixture Performance in Systems Containing High Amount of Clay Literature Review**  
Şahin H. G., Biricik Ö., Mardani Aghabaglou A.  
6th International Conference on Engineering and Natural Science (ICENS), Belgrade, Serbia, 21 October - 25 December 2020, pp.14
- LXXXII. **Investigation of Pozzolanic Activities of New Type Pozzolanes**  
Karakuzu K., Kaya Y., MARDANI AGHABAGLOU A.  
4th International Conference on Engineering Technology and Innovation (ICETI), Skopje, Macedonia, 4 - 06 November 2020
- LXXXIII. **Effect of Main and Side Chain Lengths Change of Water Reducing Admixture on Setting Time and Compressive Strength of Cementitious Systems**  
Altun M. G., Şahin H. G., MARDANI AGHABAGLOU A.  
6th International Conference on Engineering and Natural Science (ICENS), Belgrade, Serbia, 21 - 25 October 2020, pp.13
- LXXXIV. **Öğütme kolaylaştırıcı katkıların enerji verimliliğine, çimentolu sistemlerin bazı taze ve sertleşmiş hal özelliklerine etkisi**  
MARDANI AGHABAGLOU A., Kaya Y., Kobya V.  
4th International Academic Studies Conference, 28 - 30 September 2020

- LXXXV. **The effect of anionic functional group change of water reducing admixture and utilization rate of fly ash on Marsh-Funnel time and mini slump of cement pastes**  
MARDANI AGHABAGLOU A., Altun M. G., ÖZEN S.  
4th International Academic Studies Conference, 28 - 30 September 2020
- LXXXVI. **Effect of inter-layer placement delay on permeability properties of roller compacted concrete**  
BAYQRA S. H., MARDANI AGHABAGLOU A., RAMYAR K.  
3rd International E-Conference on Advances in Engineering, Technology and Management – ICETM 2020, 27 September 2020
- LXXXVII. **Effects of replacing of anionic monomer of water reducing admixture with sulfonate and phosphate groups on some properties of cement paste and mortar mixtures**  
MARDANI AGHABAGLOU A., ÖZEN S., Altun M. G., BAYQRA S. H.  
9th International Conference on Advances in Civil, Structural and Mechanical Engineering - CSM 2019, Roma, Italy, 7 - 08 December 2019
- LXXXVIII. **Geçirgenlik Azaltıcı Katkı Kullanımının Kendinden Yerleşen Betonun Bazı Özelliklerine Etkisi**  
MARDANI AGHABAGLOU A., Karakuzu K., Kobya V., Yılmaz G.  
International Symposium on Innovations in Civil Engineering and Technology (ICIVILTECH 2019), 23 - 25 October 2019
- LXXXIX. **Agrega Tane Dağılımının Beton Karışımlarının Bazı Mekanik Özellikleri ve Su Emme Davranışına Etkisinin İncelenmesi**  
MARDANI AGHABAGLOU A., Kobya V., Karakuzu k.  
International Symposium on Innovations in Civil Engineering and Technology (ICIVILTECH 2019), 23 - 25 October 2019
- XC. **Recovery of sewage sludge incinerator ash by geopolymerization**  
Yiğit B., SALİHOĞLU G., MARDANI AGHABAGLOU A., Kılıç S., SALİHOĞLU N. K., Özen S.  
Heraklion 2019: 7th International Conference on Sustainable Solid Waste Management, Heraklion, Greece, 26 - 29 June 2019
- XCI. **Investigation of the tensile strength of cement-based materials under biaxial bending stress with the triangle plate method (UDP)**  
TÜRKER H. T., MARDANI AGHABAGLOU A., DELİKTAŞ B.  
10 th International Concrete Congress, Bursa, Turkey, 2 - 04 May 2019, pp.486-494
- XCII. **Effect of main chain length of polycarboxylate-based high range water reducing admixture on fresh state properties of cementitious systems**  
ÖZEN S., Altun M. G., MARDANI AGHABAGLOU A., Ünlü A., Tolga K., RAMYAR K.  
10 th International Concrete Congress, Bursa, Turkey, 2 - 04 May 2019, pp.152-163
- XCIII. **Effect of Permeability Reducing Admixture Utilization on Sulfate Resistance of Self-Consolidating Concrete Mixture,**  
MARDANI AGHABAGLOU A., Faqiri Z. A., YAZICI Ş.  
ICBMCCS 2019: International Conference on Building Materials, Construction and Composite Structures, Miami, United States Of America, 11 - 12 March 2019, pp.342
- XCIV. **Maksimum Yoğunluk Yöntemiyle Silindir ile Sıkıştırılmış Beton Tasarımı**  
MARDANI AGHABAGLOU A., RAMYAR K.  
International Congress on Engineering and Architecture (ENAR– 2018), 14 - 16 November 2018
- XCv. **Çelik Lif Kullanımının Kendiliğinden Yerleşen Betonların Taze Hal Özelliklerine ve Basınç Dayanımına Etkisi**  
MARDANI AGHABAGLOU A., OUEDRAOGO H. A., ÖZEN S., Yılmaz G.  
International Congress on Engineering and Architecture (ENAR– 2018), 14 - 16 November 2018
- XCVI. **Mineral Katkı Kullanımının Hava Sürükleyici Katkı İçeren Çimento Hamuru Karışımlarının Marsh Hunisi Akış Süresi ve Mini-Çökme Değerlerine Etkisi**  
MARDANI AGHABAGLOU A., Geven E., ÖZEN S., Yılmaz G.  
International Congress on Engineering and Architecture (ENAR– 2018), 14 - 16 November 2018
- XCvII. **Effect of Anionic Monomer Change of Polycarboxylate-Based Water Reducing Admixture on Fresh**

**Properties and Compressive Strength of Self-Compacting Concrete**

MARDANI AGHABAGLOU A., ÖZEN S., Altun M. G., RAMYAR K., Tolga K., Ünlü A.

13th Advances in Civil Engineering Congress "ACE 2018", 12 - 14 September 2018

- XCVIII. **Sulfate attack on cement stabilized clay: microstructural analyses**  
BOZYİÇİT İ., MARDANI AGHABAGLOU A., İNAN SEZER G., ALTUN S., SEZER A.  
3rd International Conference on Civil and Environmental Engineering (ICOCEE'18), 24 - 27 April 2018, pp.291
- XCIX. **Assessment of effect of specimen size on compressive and splitting tensile strengths of concrete mixture**  
MARDANI AGHABAGLOU A., BAYQRA S. H., OUEDRAOGO H. A., ÖZEN S., Yılmaz G.  
International European Conference on Science, Art Culture (ECSAC), 19 - 22 April 2018
- C. **Effect of permeability reducing admixture on some fresh properties of cement paste containing high range water reducing admixture**  
MARDANI AGHABAGLOU A., Nematzadeh A., ÖZEN S., RAMYAR K., Yılmaz G.  
International European Conference on Science, Art Culture (ECSAC), 19 - 22 April 2018
- CI. **A Review for Usage of Recycled Concrete Aggregate in Concrete**  
YAZICI Ş., Orhan Ş., Hatungimana D., MARDANI AGHABAGLOU A.  
International Advanced Researches Engineering Congress-2017 (IAREC'xx17), 16 - 18 November 2017
- CII. **Effect of utilization of drying-shrinkage reducing admixture on marsh-funnel flow time and mini-slump value of cement paste containing high range water reducing admixture**  
MARDANI AGHABAGLOU A., İlhan M.  
International Congress on Engineering And Technology Sciences, 22 - 25 December 2017
- CIII. **Polikarboksilat-Esashı Su Azaltıcı Katkının Anyonik Monomer Değişiminin Çimento Hamuru ve Harç Karışımlarının Taze Hal Özelliklerine ve Basınç Dayanımına Etkisi**  
MARDANI AGHABAGLOU A., KAPTI T., ÖZEN S., ALTUN M. G., GEVEN E., Nematzadeh A., RAMYAR K., ÖZTÜRK U. B.  
Chemical Admixtures on Structures 5th International Symposium and Exhibition, Ankara, Turkey, 19 - 20 October 2017, pp.45
- CIV. **Polipropilen Lif Kullanım Oranının Beton Karışımlarının Dayanımına Etkisi**  
MARDANI AGHABAGLOU A., ÖZEN S., ALTUN M. G., YILMAZ G.  
XX. Ulusal Mekanik Kongresi, Bursa, Turkey, 5 - 09 September 2017
- CV. **Effect of Aggregate Grain Size Distribution on Compressive Strength and Drying Shrinkage of Concrete Mixture**  
MARDANI AGHABAGLOU A., ŞERMET F., YAZICI Ş.  
3rd International Conference on Engineering and Natural Science, 3 - 07 May 2017, pp.164
- CVI. **Influence of Aggregate Type on Compressive Strength of Concrete Mixture**  
MARDANI AGHABAGLOU A., ÖZEN S., YAZICI Ş.  
3rd International Conference on Engineering and Natural Science, 3 - 07 May 2017, pp.266
- CVII. **Assessment of Utilization Effect of Permeability Reducing Admixture on Transport Properties of Mortar Mixture Containing High Range Water Reducing Admixture**  
MARDANI AGHABAGLOU A., ÖZEN S., Altun M. G.  
3rd International Conference on Engineering and Natural Science, Budapest, Hungary, 3 - 07 May 2017, pp.74
- CVIII. **Kuruma-Büzülme Engelleyici Katkıların Harçların Kuruma-Büzülmesine Etkisi Ve Su Azaltıcı Katkı İle Uyumu**  
MARDANI AGHABAGLOU A., Mohammed Gökhan A., ÖZEN S., RAMYAR K.  
Beton 2017 Hazır Beton Kongresi, Turkey, 13 - 14 April 2017
- CIX. **Sulfate resistance of polypropylene fiber reinforced concrete**  
MARDANI AGHABAGLOU A., ÖZEN S., RAMYAR K.  
International Conference on Engineering Technology and Innovation (ICETI), 22 - 26 March 2017
- CX. **Transport properties of mortar mixture containing metakaolin**  
MARDANI AGHABAGLOU A., ÖZEN S.  
International Conference on Engineering Technology and Innovation (ICETI), 22 - 26 March 2017
- CXI. **Çimento İnceliğinin Süperakışkanlaştırıcı Katkı İçeren Çimento Hamurunun Marsh Hunisi Akış Süresi**

## **ve Yayılmasına Etkisi**

MARDANI AGHABAGLOU A., Son A. E., RAMYAR K.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 28 October 2016

- CXII. **Freeze thaw resistance of concrete incorporating fine recycled concrete and glass aggregates**  
MARDANI AGHABAGLOU A., TUYAN M., RAMYAR K.  
12th International Congress on Advances in Civil Engineering (ACE-2016), 21 - 23 September 2016
- CXIII. **Çimento stabilize kilin sülfat etkisi altında dayanım ve geçirimlilik özellikleri**  
BOZYİĞİT İ., MARDANI AGHABAGLOU A., İNAN SEZER G., SEZER A., ALTUN S.  
6. Geoteknik Sempozyumu, Turkey, 26 November 2015
- CXIV. **Effect of lignosulphonate on unconfined compressive strength and permeability of bentonite**  
SEZER A., MARDANI AGHABAGLOU A., Boz A., Tanrıman N.  
2nd International conference on computational and experimental science and engineering (ICCESEN'15), 14 - 19 October 2015
- CXV. **Comparison of unidimensional expansion levels of kaolinite stabilized with different types of cements**  
MARDANI AGHABAGLOU A., BOZYİĞİT İ., ALTUN S., İNAN SEZER G., SEZER A.  
International Symposium Shrink-swell processes in soils, Climate and Construction, 18 - 19 June 2015
- CXVI. **Unconfined compressive strength chloride ion penetration and freezing thawing resistance of cement stabilized clay**  
BOZYİĞİT İ., MARDANI AGHABAGLOU A., SEZER A., İNAN SEZER G., ALTUN S.  
International Conference on Civil and Environmental Engineering, 20 - 23 May 2015
- CXVII. **Durability aspects of recycled aggregate mortar mixtures**  
MARDANI AGHABAGLOU A., Beglarigale A., YAZICI H., RAMYAR K.  
10th International Congress on Civil Engineering, 5 - 07 May 2015
- CXVIII. **Alkali Silica reaction Expansion and the Extent of Alkali Leaching in Concretes Including Basalt and Waste Glass as Aggregate**  
YÜKSEL C., MARDANI AGHABAGLOU A., Beglarigale A., YAZICI H., RAMYAR K., ANDIÇ ÇAKIR Ö.  
11th Int. Congress on Advances in Civil Engineering, 21 - 25 October 2014
- CXIX. **Abrasion resistance and transport properties of road concrete**  
MARDANI AGHABAGLOU A., Hosseinezhad H., Boyacı O. C., Arı öz Ö., YAMAN İ. Ö., RAMYAR K.  
12th International Symposium on Concrete Roads, 23 - 26 September 2014
- CXX. **Farklı geçirgenlik azaltıcı katkıların betonun basınç dayanımı ve geçirimlilik özeliğine etkisi**  
MARDANI AGHABAGLOU A., Yılmaz G., Hosseinezhad H., RAMYAR K.  
Yapılarda Kimyasal Katkılar 4. Sempozyum ve Sergisi, Turkey, 24 - 25 October 2013
- CXXI. **Effect of different types of superplasticizer on fresh properties and strength of self consolidating concrete**  
MARDANI AGHABAGLOU A., TUYAN M., Yılmaz G., Arı Öz Ö., RAMYAR K.  
7th International Conference on Self-Compacting Concrete and the 1st Conference on Rheology and Processing of Construction Materials, 2 - 04 September 2013
- CXXII. **FARKLI LİFLERİN KENDİLİĞİNDEN YERLEŞEN BETONUN TAZE HAL VE MEKANİK ÖZELİKLERİNE ETKİSİ**  
Mardani A., Tayan M., Ramyar K., Yılmaz G.  
Hazır Beton Kongresi, İstanbul, Turkey, 21 February 2013
- CXXIII. **Agreganın en büyük boyutu ve numune boyutunun beton karot dayanımına etkisi**  
MARDANI AGHABAGLOU A., TUYAN M., ANDIÇ ÇAKIR Ö., RAMYAR K.  
İnşaat Mühendisliği'nde 100.Yıl Teknik Kongresi, Turkey, 22 - 24 November 2012
- CXXIV. **Effect of recycled aggregates on strength and alkali silica reaction potential of mortar mixtures**  
MARDANI AGHABAGLOU A., TUYAN M., ANDIÇ ÇAKIR Ö., RAMYAR K.  
10th Int. Congress on Advances in Civil Engineering, 17 - 19 October 2012
- CXXV. **Uçucu Külün Silindir ile Sıkıştırılmış Betonun Basınç Dayanımına Etkisi**  
MARDANI AGHABAGLOU A., RAMYAR K.

8. Ulusal Beton Kongresi, Turkey, 09 October 2011 - 11 October 2010

**CXXVI. Production Planning in the Inventory Limited Capacity Setting Assuming Permissible Storage Shortage Using Dynamic Programming Model**

Attarian F., Javanmard H., Mardani A., Soltan E. K. H.

World Congress on Engineering 2009, London, Canada, 1 - 03 July 2009, pp.640-642

## Supported Projects

MARDANI A., KAYA Y., KAYA Y., ALTUN M. G., KOBAYASHI V., İZGÖR KADIOĞLU G., Project Supported by Higher Education Institutions, Çevre Dostu Ekonomik Yenilikçi ve Klor İyon Direnci Yüksek Beton Tasarımı, 2024 - Continues

MARDANI A., ÖZEN S., KAYA Y., KARA A., KARALI Ö., BALCI P., Project Supported by Higher Education Institutions, Çimentolu Sistemlerde Kullanılabilen Üstün Performanslı Puzolanik Özelliğe Sahip Çevre Dostu ve Ekonomik Polipropilen Esaslı Akıllı Liflerin Geliştirilmesi, 2023 - Continues

MARDANI A., KAYA Y., Project Supported by Higher Education Institutions, Farklı Tip ve Yeni Nesil Polimer Öğütme Kolaylaştırıcı Katkı Kullanımının Sera Gazı Salınımına Puzolan İkame Oranına ve Çimentolu Sistemlerin Servis Ömrüne Etkisinin İncelenmesi, 2022 - Continues

MARDANI A., ŞAHİN H. G., MOHIELDIN O. E. E., KALIDOLLINA A., Project Supported by Higher Education Institutions, Kendi Kendini Temizleyen Akıllı Çimentolu Malzeme Üretiminin Araştırılması, 2022 - Continues

Mardani A., Kaya Y., Ramyar K., TUBITAK Project, Su Azaltıcı Özelliğe Sahip, Verimli Ve Puzolanlı Bağlayıcı Sistemler İle Uyumlu Öğütme Kolaylaştırıcı Katkı Geliştirilmesi, 2023 - 2026

Mardani A., Şenkal Sezer F., Beytekin H. E., Şahin H. G., Project Supported by Higher Education Institutions, Hafif Beton Giydirmeye Cephe Panel Performansının Geliştirilmesi, 2023 - 2024

KÖPRÜLÜ BAĞBANCİ Ö., AYENGİN Ş., MARDANI A., BAĞBANCİ M. B., Project Supported by Higher Education Institutions, Bursa'da Bazı Tarihi Yapılarda Kullanılan Harçların Karakterizasyonu ve Onarım Harçları İçin Öneriler, 2023 - 2024

Mardani A., TUBITAK Project, Farklı tip öğütme kolaylaştırıcı katkıların öğütme verimliliğine, tane dağılımına, çimentolu sistemlerde büzülme davranışına ve basınç dayanımına etkisi, 2023 - 2024

Mardani A., TUBITAK Project, Farklı Tür Killer İçeren Çimentolu Sistemlerin Taze Hal Özelliklerinin İncelenmesi, 2023 - 2024

Mardani A., TUBITAK Project, Polipropilen lif takviyeli hafif beton karışımlarında geri dönüştürülmüş agrega kullanılabilirliğinin incelenmesi, 2023 - 2024

Mardani A., TUBITAK Project, Kendi Kendini Temizleyen Betonlarda nano-TiO<sub>2</sub> Kullanımının Araştırılması, 2023 - 2024

Mardani Aghabaglou A., Yalçınkaya Ç., Yavaş A., Biricik Ö., Project Supported by Higher Education Institutions, İnşaat Uygulamaları için 3D Beton Yazıcı Kullanılarak Üretilen Beton Karışımlarının Optimum Özelliklerinin Belirlenmesi, 2021 - 2024

MARDANI A., ÇAPAROĞLU N., Project Supported by Higher Education Institutions, Üre Kullanımının Çimentolu Sistemlerin Taze ve Sertleşmiş Hal Özelliklerine ve Durabilite Performansına Etkisi, 2022 - 2023

Mardani Aghabaglou A., Aghaliyev T., TUBITAK Project, Farklı Tür ve Oranda Atık Malzeme İçeriğine Sahip Çimentolu Sistemlerin Tikotropik Özelliklerinin Araştırılması, 2022 - 2023

Mardani Aghabaglou A., Akbari F. Z., TUBITAK Project, Polimer Lifin Geri Dönüştürülmüş Agrega İçeren Hafif Beton Karışımlarında Kullanılabilirliğinin İncelenmesi, 2022 - 2023

Mardani Aghabaglou A., Akbuğa V., Dirlik E., TUBITAK Project, Su Azaltıcı Katkıların Ana Zincir Uzunlukları Değişiminin Uçucu Kül İçeren Çimentolu Sistemlerde Taze Hal, Reolojik Özellikler ve Basınç Dayanımına Etkisi, 2022 - 2023

Mardani Aghabaglou A., Kamacı Ş., Damcı E. B., TUBITAK Project, Uçucu Kül Kullanımının Üç Boyutlu Harç Karışımlarının Taze ve Bazı Sertleşmiş Hal Özelliklerine Etkisi, 2022 - 2023

MARDANI A., KOBAYASHI V., Project Supported by Higher Education Institutions, Su Azaltıcı Katkı Zincir Uzunluklarının Farklı C3A İçeriğine Sahip Çimentolu Sistemlerin Davranışına Etkisi, 2022 - 2023

Mardani Aghabaglou A., TUBITAK Project, Polikarboksilat Esaslı Yüksek Oranda Su Azaltıcı Katkı Özelliklerinin Çimento-Katkı Uyumuna Etkisi, 2020 - 2023

MARDANI A., AYTEKİN B., BİRİCİK Ö., Project Supported by Higher Education Institutions, Farklı Tür ve Oranda Atık Malzeme İçeriğine Sahip Çimentolu Sistemlerin Tikotropik Özelliklerinin Araştırılması, 2021 - 2022

ÜNSEVER GÜLER Y. S., AYTEKİN B., MARDANI AGHABAGLOU A., Project Supported by Higher Education Institutions, GERİ DÖNÜŞTÜRÜLMÜŞ BETON AGREGALARIN YOL DOLGULARINDA KULLANABİLİRLİĞİNİN ARAŞTIRILMASI, 2021 - 2022

MARDANI A., KANKAL M., Project Supported by Higher Education Institutions, Kuruma Büzülmesi Önleyici Katkı ve Sentetik Lif Kullanımının Horasan Harcının Reolojik, Mekanik ve Bazı Durabilite Özelliklerine Etkisi, 2020 - 2022

Mardani A., Ünsever Güler Y. S., Project Supported by Higher Education Institutions, Geri Dönüştürülmüş Beton Agregalarının Yol Dolgularında Kullanılabilirliğinin Araştırılması, 2020 - 2022

MARDANI A., KAYA Y., KOBYA V., Project Supported by Higher Education Institutions, Amin Esaslı Trietanolamin Öğütme Kolaylaştırıcı Katkıların Esterleşme Reaksiyonu Yöntemi ile Geliştirilmesi, 2020 - 2021

MARDANI A., Project Supported by Higher Education Institutions, Su Azaltıcı Katkının Kimyasal Yapısının Uçucu Kül İçeren Çimentolu Sistemlerin Özelliklerine Etkisi, 2020 - 2021

Mardani Aghabaglou A., TUBITAK Project, Yüksek Oranda Uçucu Kül İçeren Silindire Sıkıştırılmış Betonlarda Katmanlar Arası Soğuk Derz Oluşumunun İncelenmesi, 2018 - 2021

MARDANI A., Project Supported by Higher Education Institutions, Çelik Lif Narinlik Oranının Kendiliğinden Yerleşen Betonun Taze Hal Ve Mekanik Özelliklerine Etkisi, 2017 - 2021

Korkmaz S., Mardani Aghabaglou A., TUBITAK Project, Geçirimli Betonun Hidrolik Ve Yapısal Tasarımı, 2019 - 2020

Mardani Aghabaglou A., Project Supported by Higher Education Institutions, Yüksek oranda su azaltıcı katkı özelliklerinin çimentolu sistemlerin Davranışına etkisi, 2018 - 2019

Kaptı T., Mardani Aghabaglou A., TUBITAK Project, Beton katkı kimyasallarına yönelik EO/PO esaslı polimerik yüzey aktif kimyasal maddelerin geliştirilme, 2017 - 2019

Sezer A., Mardani Aghabaglou A., Project Supported by Higher Education Institutions, Sülfat Etkisine Maruz Çimento İle Stabilize Edilmiş zeminlerin Mikroyapısının İncelenmesi, 2016 - 2019

Mardani Aghabaglou A., Project Supported by Higher Education Institutions, Polikarboksilat-Esaslı Su Azaltıcı Katkının Anyonik Monomer Değişiminin Çimento Hamuru ve Harç Karışımlarının Taze Hal Özelliklerine, 2018 - 2018

Mardani A., Project Supported by Higher Education Institutions, Polikarboksilat-Esaslı Su Azaltıcı Katkının Anyonik Monomer Değişiminin Çimento Hamuru ve Harç Karışımlarının Taze Hal Özelliklerine ve Basınç Dayanımına Etkisi, 2018 - 2018

Mardani Aghabaglou A., Project Supported by Higher Education Institutions, Kuruma Büzülme Engelleyici Katkının Çimentolu Sistemlerin Taze Hal, Mekanik ve Bazı Durabilite Özelliklerine Etkisi, 2017 - 2018

Mardani Aghabaglou A., Project Supported by Higher Education Institutions, Geçirgenlik azaltıcı katkıların mineral katkı içeren çimentolu sistemlerinin taze hal ve sertleşmiş hal özelliklerine etkisi, 2017 - 2018

Mardani Aghabaglou A., Project Supported by Higher Education Institutions, Hava Sürükleyici ve Mineral Katkı Kullanımının Harç Karışımlarının Geçirgenlik Özelliklerine ve Donma-Çözülme Direncine Etkisi, 2017 - 2018

Mardani Aghabaglou A., Project Supported by Higher Education Institutions, Yüksek Sıcaklık Etkisine Maruz Kalan Betonun Darbe Dayanımının Araştırılması, 2016 - 2018

Mardani Aghabaglou A., Project Supported by Higher Education Institutions, AYP(MH)-2016/16 nolu Altyapı projesi (Proje Başlığı: Yüksek Sıcaklık Etkisine Maruz Kalan Betonun Darbe Dayanımının Araştırılması), 2016 - 2018

Sezer A., TUBITAK Project, Çimento İle Stabilize Edilen Kil Zeminin Sodyum Ve Magnezyum Sülfatlı Çözeltiler Etkisinde Davranışı, 2014 - 2015

Andiç Çakır Ö., TUBITAK Project, Alkali Agregası Reaksiyonu Performans Test Metotlarının Geliştirilmesi, 2011 - 2013

## Patent

Mardani A., Kara A., Şahin H. G., Kaya Y., WASTE FIBERS FOR ENHANCING CONCRETE STRENGTH PERFORMANCE THAT ARE USED WITHOUT BEING SUBJECTED TO ANY TREATMENT, Patent, CHAPTER A Human Needs, The Invention Recourse Number: PCT/TR2024/050648 , Standard Registration, 2024

Mardani A., Doğançün A., Kaya T., Kaya Y., HIGH STRENGTH KHORASAN MORTAR MIXTURE, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: PCT/TR2024/050616 , Standard Registration, 2024

Mardani A., Kaya T., Doğançün A., Kaya Y., YÜKSEK DAYANIMLI HORASAN HARCİ KARIŞIMI, Patent, CHAPTER E Constructed Constructions (Construction), The Invention Recourse Number: 2023/018412 , Standard Registration,

2023

Kara A., Mardani A., Şahin H. G., Kaya Y., BETONUN DAYANIM PERFORMANSINI ARTIRMAK ÜZERE HERHANGİ BİR İŞLEME TABİ TUTULMADAN OLDUĞU GİBİ KULLANILAN ATIK LİFLER, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: 2023/019630 , Standard Registration, 2023

## Scientific Refereeing

BUILDINGS (BASEL), SCI Journal, November 2024

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, November 2024

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Bursa Uludağ University, Turkey, October 2024

TÜBİTAK International Bilateral Joint Cooperation Program Project, Bosphorus Program with Ministry of Foreign Affairs of France, Bursa Uludağ University, Turkey, September 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, August 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, August 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, August 2024

BUILDINGS (BASEL), Journal Indexed in SCI-E, July 2024

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, July 2024

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, June 2024

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, March 2024

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, March 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, January 2024

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, January 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, November 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, November 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, November 2023

TÜBİTAK International Bilateral Joint Cooperation Program Project, With the National Natural Science Foundation of China (NFSC) Joint Cooperation Program, Bursa Uludağ University, Turkey, October 2023

TÜBİTAK International Bilateral Joint Cooperation Program Project, With the National Natural Science Foundation of China (NFSC) Joint Cooperation Program, Bursa Uludağ University, Turkey, October 2023

TÜBİTAK International Bilateral Joint Cooperation Program Project, With the National Natural Science Foundation of China (NFSC) Joint Cooperation Program, Bursa Uludağ University, Turkey, October 2023

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, September 2023

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Bursa Uludağ University, Turkey, September 2023

JOURNAL OF MATERIALS IN CIVIL ENGINEERING, Journal Indexed in SCI-E, August 2023

CEMENT, WAPNO, BETON, SCI Journal, August 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, July 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, July 2023

CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, May 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ



University, Turkey, May 2023

Project Supported by Higher Education Institutions, BAP Research Project, Balıkesir University, Turkey, April 2023

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, December 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, December 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, December 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, December 2022

TUBITAK Project, TUBITAK Horizon Coordination Support Program, Bursa Uludağ University, Turkey, November 2022

EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, SCI Journal, October 2022

Materials, Journal Indexed in SCI-E, October 2022

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, October 2022

Journal of Innovative Science and Engineering (JISE), National Scientific Refreed Journal, September 2022

INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING, SCI Journal, July 2022

CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, June 2022

JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, May 2022

JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, May 2022

CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, April 2022

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, January 2022

JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, December 2021

CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, December 2021

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, November 2021

TÜBİTAK International Multi-Cooperation Project, EIG CONCERT-Japan Project, Bursa Uludağ University, Turkey, November 2021

Cement & Concrete Composites, Journal Indexed in SCI-E, October 2021

Journal Of The Faculty Of Engineering And Architecture Of Gazi University, Journal Indexed in SCI-E, October 2021

CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, October 2021

Construction And Building Materials, Journal Indexed in SCI-E, October 2021

Journal of Modern Technology and Engineering, Other Indexed Journal, September 2021

Construction And Building Materials, Journal Indexed in SCI-E, September 2021

Construction And Building Materials, Journal Indexed in SCI-E, August 2021

Construction And Building Materials, Journal Indexed in SCI-E, July 2021

Uludağ University Journal of The Faculty of Engineering, Other Indexed Journal, June 2021

Advances In Cement Research, Journal Indexed in SCI-E, May 2021

European Journal of Environmental and Civil Engineering, Journal Indexed in SCI-E, May 2021

SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, April 2021

Natural and Applied Sciences Journal, Other Indexed Journal, April 2021

GÜMÜŞHANE ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, April 2021

Journal Of Structural Engineering-Asce, Journal Indexed in SCI-E, April 2021

ACI Materials Journal, Journal Indexed in SCI-E, April 2021

Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, Other Indexed Journal, March 2021

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, March 2021

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, February 2021

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, February 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Bursa Uludağ University, Turkey, January 2021

Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, Other Indexed Journal, December 2020

TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey, December 2020

Construction And Building Materials, Journal Indexed in SCI-E, November 2020

Advances in Materials Science and Engineering, Journal Indexed in SCI-E, October 2020

Construction And Building Materials, Journal Indexed in SCI-E, October 2020

Journal Of Green Building, Journal Indexed in AHCI, September 2020

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, September 2020

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, September 2020

BALIKESİR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, August 2020

JOURNAL OF BUILDING ENGINEERING, Journal Indexed in AHCI, July 2020

Structural Concrete, Journal Indexed in SCI-E, July 2020

ULUDAĞ ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, June 2020

Journal Of Cold Regions Engineering, Journal Indexed in SCI-E, June 2020

Construction And Building Materials, Journal Indexed in SCI-E, June 2020

JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, May 2020

Environmental Earth Sciences, Journal Indexed in SCI-E, May 2020

Journal Of Green Building, Journal Indexed in AHCI, May 2020

Bulletin Of Engineering Geology And The Environment, Journal Indexed in SCI-E, April 2020

Construction And Building Materials, Journal Indexed in SCI-E, April 2020

ULUDAĞ ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, April 2020

Cement & Concrete Composites, Journal Indexed in SCI-E, April 2020

TEKNIK DERGI, National Scientific Refreed Journal, March 2020

CONSTRUCTION AND BUILDING MATERIALS, National Scientific Refreed Journal, March 2020

International Journal of Pavement Engineering, Journal Indexed in SCI-E, March 2020

Construction And Building Materials, Journal Indexed in SCI-E, February 2020

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Bursa Uludağ University, Turkey, January 2020

CONSTRUCTION AND BUILDING MATERIALS, National Scientific Refreed Journal, November 2019

KSCIE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, November 2019

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, November 2019

Journal Of Green Building, Journal Indexed in AHCI, October 2019

Construction And Building Materials, Journal Indexed in SCI-E, October 2019

Project Supported by Higher Education Institutions, BAP Research Project, Bursa Uludağ University, Turkey, October 2019

TUBITAK Project, 3501 - National Young Researcher Career Development Program, TÜBİTAK, Turkey, October 2019

Construction And Building Materials, Journal Indexed in SCI-E, September 2019

TUBITAK Project, 1002 - Quick Support Program, TÜBİTAK, Turkey, September 2019

Project Supported by Higher Education Institutions, BAP Research Project, Bursa Uludağ University, Turkey, September 2019

Construction And Building Materials, Journal Indexed in SCI-E, August 2019

Road Materials And Pavement Design, Journal Indexed in SCI-E, July 2019

Journal Of Green Building, Journal Indexed in AHCI, July 2019

Construction And Building Materials, Journal Indexed in SCI-E, July 2019

PAMUKKALE ÜNİVERSİTESİ MÜHENDİSLİK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, July 2019

ACI Materials Journal, Journal Indexed in SCI-E, July 2019

TUBITAK Project, 1002 - Quick Support Program, TÜBİTAK, Turkey, July 2019

ADVANCES IN CIVIL ENGINEERING, Journal Indexed in SCI-E, June 2019

TUBITAK Project, 1002 - Quick Support Program, TÜBİTAK, Turkey, June 2019

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkey, June 2019

Construction And Building Materials, Journal Indexed in SCI-E, May 2019

Mühendislik Bilimleri ve Tasarım Dergisi, National Scientific Refreed Journal, May 2019

European Journal of Environmental and Civil Engineering, Journal Indexed in SCI-E, April 2019

Construction And Building Materials, Journal Indexed in SCI-E, March 2019  
Journal Of Green Building, Journal Indexed in AHCI, March 2019  
Cement & Concrete Composites, Journal Indexed in SCI-E, November 2018  
BALIKESİR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, November 2018  
Journal Of Green Building, Journal Indexed in AHCI, October 2018  
INTERNATIONAL JOURNAL OF CONCRETE STRUCTURES AND MATERIALS, Journal Indexed in SCI-E, October 2018  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, October 2018  
ACI Materials Journal, Journal Indexed in SCI-E, September 2018  
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, Journal Indexed in SCI-E, September 2018  
ACI Materials Journal, Journal Indexed in SCI-E, August 2018  
Construction And Building Materials, Journal Indexed in SCI-E, July 2018  
European Journal of Environmental and Civil Engineering, Journal Indexed in SCI-E, July 2018  
Journal Of Green Building, Journal Indexed in AHCI, July 2018  
Iranian Journal Of Science And Technology, Journal Indexed in SCI-E, July 2018  
Project Supported by Higher Education Institutions, BAP Research Project, Bursa Uludağ University, Turkey, June 2018  
International Journal of Pavement Engineering, Journal Indexed in SCI-E, May 2018  
International Journal of Pavement Engineering, Journal Indexed in SCI-E, May 2018  
Journal Of Green Building, Journal Indexed in AHCI, May 2018  
CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, May 2018  
Construction And Building Materials, Journal Indexed in SCI-E, April 2018  
Road Materials And Pavement Design, Journal Indexed in SCI-E, April 2018  
Construction And Building Materials, Journal Indexed in SCI-E, March 2018  
Road Materials And Pavement Design, Journal Indexed in SCI-E, March 2018  
Construction And Building Materials, Journal Indexed in SCI-E, February 2018  
Cement & Concrete Composites, Journal Indexed in SCI-E, October 2017  
International Journal of Pavement Engineering, Journal Indexed in SCI-E, September 2017  
International Journal of Pavement Engineering, Journal Indexed in SCI-E, August 2017  
ACI Materials Journal, Journal Indexed in SCI-E, June 2017  
ACI Materials Journal, Journal Indexed in SCI-E, June 2017  
ADVANCES IN CONCRETE CONSTRUCTION, Journal Indexed in SCI-E, May 2017  
Computers And Concrete, Journal Indexed in SCI-E, May 2017  
Road Materials And Pavement Design, Journal Indexed in SCI-E, May 2017  
Journal Of Materials In Civil Engineering-Asce, Journal Indexed in SCI-E, May 2017  
Construction And Building Materials, Journal Indexed in SCI-E, March 2017  
ULUDAĞ ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, February 2017  
Road Materials And Pavement Design, Journal Indexed in SCI-E, October 2016  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, July 2016  
Ksce Journal Of Civil Engineering, Journal Indexed in SCI-E, June 2016  
DSİ TEKNİK BÜLTENİ, National Scientific Refreed Journal, June 2016  
Scientia Iranica, Journal Indexed in SCI-E, June 2016  
RSC Advances, Journal Indexed in SCI-E, May 2016  
International Journal of Pavement Engineering, Journal Indexed in SCI-E, April 2016  
International Journal of Pavement Engineering, Journal Indexed in SCI-E, March 2016  
JOURNAL OF BUILDING ENGINEERING, Journal Indexed in AHCI, June 2015  
Construction And Building Materials, Journal Indexed in SCI-E, June 2012

## **Scientific Consultations**

TÜBİTAK, Project Consultancy, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ, Turkey, 2017 - 2019

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## Scholarships

TÜBİTAK 1001 PROJESİ-Çimento İle Stabilize Edilen Kil Zeminin Sodyum ve Magnezyum Sülfatlı Çözeltiler Etkisinde Davranışı, TUBİTAK, 2014 - 2015

TÜBİTAK 1001 PROJESİ-Alkali Agrega Reaksiyonu Performans Test Metotlarının Geliştirilmesi, TUBİTAK, 2011 - 2013

## Awards

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 514595), Tübitak, December 2023

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 514592), Tübitak, December 2023

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 598198), Tubitak , December 2023

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 514601), Tübitak, December 2023

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 566694), Tubitak , December 2023

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 514602), Tubitak , December 2023

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 514587), Tübitak, December 2023

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 566692), Tubitak , December 2023

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 552325), Tubitak , December 2023

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 569987), Tubitak , December 2023

Mardani A., TÜBİTAK Yayın Teşvik Ödülü (B. No: 510946), Tübitak, November 2022

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 510926), Tübitak, October 2022

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 511005), Tubitak , October 2022

Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 511436), Tubitak , October 2022

Mardani Aghabaglou A., Bursa Uludağ Üniversitesi 2020 Yılı Bilim, Özel, Teşvik ve Hizmet Ödülleri kapsamında Teşvik ödülü, Bursa Uludağ Üniversitesi Rektörlüğü, December 2021

Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 478346), Tübitak, July 2021

Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 478352), Tübitak , July 2021

Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 467934), Tübitak, May 2021

Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 467931), Tübitak, May 2021

Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 452844), Tübitak, September 2020

Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 452847), Tübitak, September 2020

Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 452840), Tübitak, September 2020

Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 452838), Tübitak, September 2020

Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 441298), Tübitak, June 2020

Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK (B. No: 406900)ÖDÜLÜ , Tübitak, November 2019

Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 344759) , Tübitak, October 2019

Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 340551) , Tübitak, September 2019

Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 354260) , Tübitak, July 2019

Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 368326) , Tübitak, June 2019  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 370872) , Tübitak, June 2019  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 325773) , Tübitak, June 2019  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 292867) , Tübitak, May 2019  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK (B. No: 406904) ÖDÜLÜ , Tübitak, May 2019  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 304413) , Tübitak, May 2019  
Mardani Aghabaglou A., Bursa Uludağ Üniversitesi 2017 Yılı Akademik Başarı Ödülleri, Bursa Uludağ Üniversitesi Rektörlüğü, March 2019  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 406896), Tübitak, September 2018  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 352095) , Tübitak, September 2018  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 366436) , Tübitak, June 2018  
Mardani Aghabaglou A., Uludağ Üniversitesi 2016 Yılı Akademik Başarı Ödülleri, Bursa Uludağ Üniversitesi Rektörlüğü, January 2018  
Mardani Aghabaglou A., Bilim İnsanı Araştırma Projesi Yayın Teşvik , Uludağ Üniversitesi Bap Projesi, July 2017  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 406296), Tübitak, June 2017  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 390284), Tübitak, February 2016  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 292865), Tübitak, June 2015  
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 370864) , Tübitak, June 2014

## **Non Academic Experience**

Company, İran Şanlı Yol , Denetim