



Gökhan Kaplan

Doç. Dr. · Yapı Ana Bilim Dalı Başkanlığı

Atatürk Üniversitesi · Mühendislik Fakültesi Dekanlığı · İnşaat Mühendisliği Bölümü Başkanlığı · Yapı Ana Bilim Dalı Başkanlığı

ORCID: [0000-0001-6067-7337](#) · Scopus Yazar ID: [57118954700](#) · Publons / ResearcherID: [HIZ-7664-2022](#) · Google Scholar ID: [iXKDMtYAAAAJ](#) · YÖKSİS Araştırmacı ID: 45998
<https://akademik.atauni.edu.tr/cv/gkaplan>

Genel Bakış

Görev yeri: Doç. Dr. · Mühendislik Fakültesi Dekanlığı · İnşaat Mühendisliği Bölümü Başkanlığı · Yapı Ana Bilim Dalı Başkanlığı

Görevlendirme: Doç. Dr. · Mühendislik Fakültesi Dekanlığı · İnşaat Mühendisliği Bölümü Başkanlığı

Web of Science Araştırma Alanları: Construction & Building Technology

Scopus Konu Alanları (ASJC): Building and Construction

Eğitim ve Yetkinlikler

Eğitim Bilgileri

- Doktora** (2012 – 2018)
Manisa Celâl Bayar Üniversitesi · Türkiye
- Yüksek Lisans** (2009 – 2012)
Gazi Üniversitesi · Türkiye
- Lisans** (2005 – 2009)
Süleyman Demirel Üniversitesi · Türkiye

Yaptığı Tezler

- Çimento teknolojisinde sürfaktanların kullanımı ile sürdürülebilir çimento üretimi** (2018)
Gökhan Kaplan
Yaptığı Tez · Doktora · Danışman: Ali Uğur Öztürk · Devam ediyor · Manisa Celâl Bayar Üniversitesi · Türkiye

Mesleki Deneyim

Verdiği Dersler

- Seçmeli Tasarım I** (2025)
Gökhan Kaplan
Verdiği Ders · Lisans
- Sülfatlı Ortamlara Maruz Beton** (2025)
Gökhan Kaplan
Verdiği Ders · Yüksek Lisans

3. **Sürdürülebilir Çimento Üretimi** (2024)

Gökhan Kaplan

Verdiği Ders · Yüksek Lisans

4. **İnşaat Mühendisliği Uygulamaları** (2024)

Gökhan Kaplan

Verdiği Ders · Lisans

5. **Ferrocement** (2023)

Gökhan Kaplan

Verdiği Ders · Yüksek Lisans

6. **Seçmeli Tasarım II** (2023)

Gökhan Kaplan

Verdiği Ders · Lisans

7. **İnşaat Mühendisliği Uygulamaları** (2022)

Gökhan Kaplan

Verdiği Ders · Lisans

8. **İş Sağlığı ve Güvenliği II** (2020)

Gökhan Kaplan

Verdiği Ders · Lisans

9. **Teknik Resim** (2020)

Gökhan Kaplan

Verdiği Ders · Lisans

10. **Bilgisayar Programlama** (2020)

Gökhan Kaplan

Verdiği Ders · Lisans

11. **İş Sağlığı ve Güvenliği II** (2020)

Gökhan Kaplan

Verdiği Ders · Lisans

12. **İş Sağlığı ve Güvenliği II** (2020)

Gökhan Kaplan

Verdiği Ders · Lisans

Akademik Ünvanlar/Görevler

1. **Doç. Dr.** (2022 – Devam ediyor)

Atatürk Üniversitesi > Mühendislik Fakültesi Dekanlığı > İnşaat Mühendisliği Bölümü Başkanlığı

2. **Doç. Dr.** (2012 – Devam ediyor)

Atatürk Üniversitesi > Mühendislik Fakültesi Dekanlığı > İnşaat Mühendisliği Bölümü Başkanlığı > Yapı Ana Bilim Dalı Başkanlığı

3. **Dr. Öğr. Üyesi** (2020 – 2022)

Atatürk Üniversitesi > Mühendislik Fakültesi Dekanlığı > İnşaat Mühendisliği Bölümü Başkanlığı

- 1. Arıtma Çamuru Katkılı Lifli Geopolimer Köpük Betonların Mikroyapısal ve Çevresel Güvenlik Performansının İncelenmesi (2026)**
Oğuzhan Çelebi, **Gökhan Kaplan**, Atakan Yıldırım, OĞUZHAN YAVUZ BAYRAKTAR, Abdulkadir Cüneyt Aydın, Oğuzhan Uğurlu, HALİL OĞUZHAN KARA, MEHMET UĞUR YILMAZOĞLU, HAKAN ŞEVİK
Proje · Ulusal · Rol: Araştırmacı · Devam Ediyor · Atatürk Üniversitesi · Türkiye
- 2. Orman Üretim Atığı Gökna Dallarının Geopolimer Köpük Betonlarda Agrega Olarak Kullanılabilirliği (2026)**
Mahmut Kılıç, OĞUZHAN YAVUZ BAYRAKTAR, **Gökhan Kaplan**, HAKAN ŞEVİK, MEHMET UĞUR YILMAZOĞLU, HALİL OĞUZHAN KARA
Proje · Ulusal · Rol: Araştırmacı · Devam Ediyor · Atatürk Üniversitesi · Türkiye
- 3. Geopolimer Bazlı İnorganik Yapıştırıcıların CFRPBeton Bağlantısında Kullanımının Mekanik ve Durabilite Açısından Deneyisel Olarak Değerlendirilmesi (2026)**
Mahmut Kılıç, Oğuzhan Uğurlu, Abdulkadir Cüneyt Aydın, **Gökhan Kaplan**, BARIŞ BAYRAK
Proje · Ulusal · Rol: Araştırmacı · Devam Ediyor · Atatürk Üniversitesi · Türkiye
- 4. Atık Kağıt Tabanlı Örgü Takviyeli Geopolimer Kompozitlerin Mekanik Durabilite ve Yalıtım Özelliklerinin İncelenmesi (2025)**
Abdulkadir Cüneyt Aydın, Oğuzhan AKARSU, RIDVAN YAKUT, JÜLİDE ERKMEN, **Gökhan Kaplan**, HALUK GÖRKEM ALCAN, BARIŞ BAYRAK, Atakan Yıldırım, BİLGE AKSU ALCAN
Proje · Ulusal · Rol: Araştırmacı · Devam Ediyor · Atatürk Üniversitesi · Türkiye
- 5. Uçucu Kül Esaslı Geopolimer Kompozitlerde NanoFe2O3 ilavesinin Mekanik Durabilite ve Mikroyapı Özelliklerine Etkisi (2025)**
Gökhan Kaplan, Ali Öz, İsmail Yıldız
Proje · Ulusal · Rol: Yürütücü · Devam Ediyor · Atatürk Üniversitesi · Türkiye
- 6. Yenilikçi Bir Malzeme Olarak PiezoKompozit Betonarme Elemanların Tekrarlı Yükler Etkisinde Performanslarının İncelenmesi (2024)**
Abdulkadir Cüneyt Aydın, Oğuzhan Çelebi, **Gökhan Kaplan**, Hakan Kızıldaş, Emir Çepni, Mahmut Kılıç
Proje · Ulusal · Rol: Araştırmacı · Devam Ediyor · Atatürk Üniversitesi · Türkiye
- 7. Farklı Plan Düzensizliklerine Sahip Çelik Yapılara Deprem Testlerinin Uygulanması (2023 – 2025)**
Abdulkadir Cüneyt Aydın, Oğuzhan Çelebi, **Gökhan Kaplan**, Ali Öz, Mahmut Kılıç, BARIŞ BAYRAK, HALUK GÖRKEM ALCAN
Proje · Ulusal · Rol: Araştırmacı · Tamamlandı · Atatürk Üniversitesi · Türkiye
- 8. Ekstrüzyon yöntemiyle üretilen bazalt lifli yarı-hafif harçların mekanik durabilite ve mikroyapı özellikleri (2023 – 2025)**
Gökhan Kaplan, Abdulkadir Cüneyt Aydın, Mahmut Kılıç, Ali Öz, Oğuzhan Çelebi, Burak BODUR, Muhammet Ahmet Mecit İŞİK
Proje · Ulusal · Rol: Yürütücü · Tamamlandı · Atatürk Üniversitesi · Türkiye
- 9. Eğilme Momenti Altındaki Hasarlı Betonarme Kirişlerin Farklı Türde Geopolimer Beton Plakalarla Güçlendirilmesi (2023 – 2025)**
Mahmut Kılıç, Abdulkadir Cüneyt Aydın, **Gökhan Kaplan**, Ali Öz, Oğuzhan Çelebi, HALUK GÖRKEM ALCAN, BARIŞ BAYRAK
Proje · Ulusal · Rol: Araştırmacı · Tamamlandı · Atatürk Üniversitesi · Türkiye

10. **Deprem Mühendisliği Uygulamalarını Geliştirmek İçin Laboratuvar Altyapısının Oluşturulması** (2022 – 2024)
Abdulkadir Cüneyt Aydın, Oğuzhan Çelebi, Mahmut Kılıç, **Gökhan Kaplan**
Proje · Ulusal · Rol: Araştırmacı · Tamamlandı · Atatürk Üniversitesi · Türkiye
11. **Prepakt Betonlarda Atık Mermer Tozu ve Klinker Agregalı Geopolimer Bulamaçların Kullanılabilirliği** (2022 – 2023)
Gökhan Kaplan, Abdulkadir Cüneyt Aydın, Ali Öz
Proje · Ulusal · Rol: Yürütücü · Tamamlandı · Atatürk Üniversitesi · Türkiye
12. **Atapulgit Esaslı Alkaliler İle Aktive Edilen Malzemelerin (AAM) Durabilite ve Mikroyapı Özellikleri** (2022)
Gökhan Kaplan
Proje · Ulusal · Rol: Yürütücü · Tamamlandı · Atatürk Üniversitesi · Türkiye
13. **Hafif ve Yüksek Performanslı Çimento Esaslı Kompozitlerin Mikroyapı Özelliklerinin İncelenmesi** (2021)
Gökhan Kaplan
Proje · Ulusal · Rol: Yürütücü · Tamamlandı · Atatürk Üniversitesi · Türkiye

Yayınlar

Makaleler

1. **RSM optimized mechanical performance and chemical durability of nano silica, nano alumina fiber reinforced alkali activated mortar** (2026)
Mahmood Hunar Dheyaaldin, Mohammad Ali Mosaberpanah, Dier H. Kadir, **Gökhan Kaplan**, Mustafa Özakça
SCIENTIFIC REPORTS, Cilt 16, Sayı 1 · DOI: [10.1038/s41598-026-51601-z](https://doi.org/10.1038/s41598-026-51601-z)
Tam Makale · Uluslararası
2. **Transport-controlled durability enhancement of sustainable lightweight alkali-activated composites with calcined clinoptilolite and basalt fiber** (2026)
Ahmet Benli, Hamza Şadinoğlu, Ali Öz, Serkan Karaca, Ali Rıza Demirkıran, **Gökhan Kaplan**
SUSTAINABLE CHEMISTRY AND PHARMACY, Cilt 53 · DOI: [10.1016/j.scp.2026.102526](https://doi.org/10.1016/j.scp.2026.102526)
Tam Makale · Uluslararası
3. **Optimization and performance assessment of nano- Al_2O_3 modified basalt fiber reinforced alkali-activated slag composites containing waste marble powder** (2026)
Ali Öz, Oytun Emre, Ahmet Benli, F. Melih Dursun, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 541 · DOI: [10.1016/j.conbuildmat.2026.147809](https://doi.org/10.1016/j.conbuildmat.2026.147809)
Tam Makale · Uluslararası
4. **Enhancing the mechanical and durability performance of geopolymer composites through interface engineering with polyurethane-coated waste paper fibers** (2026)
Jülide Erkmen, Akarsu Oğuzhan, Rıdvan Yakut, Atakan Yıldırım, Barış Bayrak, Haluk Görkem Alcan, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
COMPOSITES PART B-ENGINEERING, Cilt 323 · DOI: [10.1016/j.compositesb.2026.113819](https://doi.org/10.1016/j.compositesb.2026.113819)
Tam Makale · Uluslararası
5. **Eco-efficient foam concrete with waste tire aggregates: Effects of slag and polypropylene fibers** (2026)
Adem Ahıskalı, Oğuzhan Yavuz Bayraktar, Mehtiali Ahıskalı, Ahmet Benli, **Gökhan Kaplan**
SUSTAINABLE CHEMISTRY AND PHARMACY, Cilt 52 · DOI: [10.1016/j.scp.2026.102506](https://doi.org/10.1016/j.scp.2026.102506)
Tam Makale · Uluslararası

6. **The Effect of Natural Pozzolanic Coated Waste Tire Aggregates on the Mechanical, Transport and Durability Properties of Fiber-Reinforced and One-Part Hybrid Geopolymer Composites** (2026)

Wiam Abdelmagid Taher Elabade, Oğuzhan Yavuz Bayraktar, Halil Oğuzhan Kara, İhsan Kasım Karataş, Mehmet Uğur Yılmazoğlu, Adem Ahiskalı, Mohamed A. Salem Elmekahal, **Gökhan Kaplan**
Polymers, Cilt 18, Sayı 16 · DOI: [10.3390/polym18162014](https://doi.org/10.3390/polym18162014)

Tam Makale · Uluslararası

7. **Multi-scale synergy of nano-quartz and carbon fiber in waste-based alkali-activated composites for sustainable and durable construction** (2026)

Ali Öz, F. Melih Dursun, Ahmet Benli, Oytun Emre, **Gökhan Kaplan**
SUSTAINABLE CHEMISTRY AND PHARMACY, Cilt 52 · DOI: [10.1016/j.scp.2026.102495](https://doi.org/10.1016/j.scp.2026.102495)

Tam Makale · Uluslararası

8. **A synergistic use of waste glass and waste rhododendron in green foamed concrete: from fresh behavior to durability** (2026)

Bilge Aksu Alcan, İhsan Türkel, Mehtiali Ahiskali, Ali Atakan Araç, Oğuzhan Yavuz Bayraktar, Halil Barış Özel, Hakan Şevik, **Gökhan Kaplan**
Archives of Civil and Mechanical Engineering, Cilt 26, Sayı 4 · DOI: [10.1007/s43452-026-01573-8](https://doi.org/10.1007/s43452-026-01573-8)

Tam Makale · Uluslararası

9. **Precursor-Dependent Performance of FA-, GBFS-, MK- and WBP-Based Geopolymer Mortars: Effects of NaOH Molarity and Thermal Curing on Strength, Transport Properties and Cost Efficiency** (2026)

DAMLA NUR ÇELİK, Rüya Kılıç Demircan, Güneş Mutlu Avinç, **Gökhan Kaplan**
Polymers, Cilt 18, Sayı 14 · DOI: [10.3390/polym18141723](https://doi.org/10.3390/polym18141723)

Tam Makale · Uluslararası

10. **Transport-controlled multi-scale design of nano-clay and carbon fiber reinforced fly ash-based geopolymer composites: Enhanced mechanical and durability performance** (2026)

Fatma Zehra Çakıcı, Lamia Duru, Ali Öz, Ahmet Benli, **Gökhan Kaplan**
JOURNAL OF BUILDING ENGINEERING, Cilt 129 · DOI: [10.1016/j.job.2026.116948](https://doi.org/10.1016/j.job.2026.116948)

Tam Makale · Uluslararası

11. **The mechanical and thermal behavior of eggshell-pumice powder-based geopolymer foam concrete** (2026)

Kenan Toklu, Barış Bayrak, İhsan Türkel, Samet Çolak, Ali Atakan Araç, Oğuzhan Yavuz Bayraktar, **Gökhan Kaplan**
STRUCTURAL CONCRETE, Cilt 27, Sayı 3, ss. 4873–4909 · DOI: [10.1002/suco.70436](https://doi.org/10.1002/suco.70436)

Tam Makale · Uluslararası

12. **Synergistic enhancement of mechanical, thermal, and durability properties in expanded perlite-based lightweight alkali-activated composites with basalt fiber and natural zeolite** (2026)

Ali Öz, Gizem Korkulu, Ahmet Benli, **Gökhan Kaplan**
STRUCTURAL CONCRETE, Cilt 27 · DOI: [10.1002/suco.70409](https://doi.org/10.1002/suco.70409)

Tam Makale · Uluslararası

13. **Pomza Agregası Yerine Aktif Karbon Kullanımının Geopolimer Köpük Beton Kompozitlerinin Fiziksel ve Mekanik Özellikleri Üzerindeki Etkilerinin İncelenmesi** (2026)

Halil Oğuzhan KARA, AYDIN TÜRKİYILMAZ, Oğuzhan Yavuz BAYRAKTAR, **Gökhan Kaplan**
Deü Fen Ve Mühendislik Dergisi, Cilt 28, Sayı 83, ss. 212–224 · DOI: [10.21205/deufmd.2026288307](https://doi.org/10.21205/deufmd.2026288307)

Tam Makale · Ulusal

14. **Artificial intelligence-optimized gypsum-based composites for stealth technology: Integrating high strength performance and radar absorption** (2026)
Sadik Alper Yildizel, ABDURRAHİM TOKTAŞ, **Gökhan Kaplan**
Defence Technology, Cilt 59, ss. 19–35 · DOI: [10.1016/j.dt.2025.11.004](https://doi.org/10.1016/j.dt.2025.11.004)
Tam Makale · Uluslararası
15. **Enhanced mechanical and durability properties of alkali-activated composites through the use waste tire aggregates, brick powder, and marble powder** (2026)
Ali Öz, Hilal Cil, Ahmet Benli, **Gökhan Kaplan**
JOURNAL OF SUSTAINABLE CEMENT-BASED MATERIALS, Cilt 15, Sayı 5, ss. 1673–1701 · DOI: [10.1080/21650373.2026.2612726](https://doi.org/10.1080/21650373.2026.2612726)
Tam Makale · Uluslararası
16. **Microstructure properties and life cycle analysis (LCA) of zeolite-containing foam composites produced under different curing conditions** (2026)
Murat Çavuş, Mehtap Alim, GÖKHAN GENÇ, **Gökhan Kaplan**
JOURNAL OF BUILDING ENGINEERING, Cilt 123 · DOI: [10.1016/j.jobbe.2026.115909](https://doi.org/10.1016/j.jobbe.2026.115909)
Tam Makale · Uluslararası
17. **Hybrid alkali-activated slag composites incorporating porcelain polishing residue and marble waste with basalt fiber: Mechanical, durability, and microstructural performance** (2026)
Ali Öz, Zinnur Çelik, Ahmet Benli, F. Melih Dursun, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 515 · DOI: [10.1016/j.conbuildmat.2026.145658](https://doi.org/10.1016/j.conbuildmat.2026.145658)
Tam Makale · Uluslararası
18. **Nano-clay and basalt fiber reinforcement of fly ash-expanded perlite lightweight geopolymers: Effects on mechanical, thermal, and durability properties** (2026)
Ahmet Benli, Osman Tetik, Ali Öz, Adem Yar, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 514 · DOI: [10.1016/j.conbuildmat.2026.145526](https://doi.org/10.1016/j.conbuildmat.2026.145526)
Tam Makale · Uluslararası
19. **Strengthening of damaged RC beams using geopolymer concrete layers: Experimental and analytical insights** (2026)
Mahmut Kılıç, Barış Bayrak, Oğuzhan Akarsu, Haluk Görkem Alcan, Oğuzhan Çelebi, **Gökhan Kaplan**, Ali Öz, Abdulkadir Cüneyt Aydın
Engineering Failure Analysis, Cilt 185 · DOI: [10.1016/j.engfailanal.2025.110419](https://doi.org/10.1016/j.engfailanal.2025.110419)
Tam Makale · Uluslararası
20. **From geological waste to sustainable infrastructure: Multi-Criteria analysis of granite powder in fiber-reinforced cementitious composites** (2026)
DUYGU DEMİRTÜRK, Adem Ahiskali, Oguzhan Yavuz Bayraktar, Mehtiali Ahiskali, Halil Oguzhan Kara, **Gökhan Kaplan**
PHYSICS AND CHEMISTRY OF THE EARTH, Cilt 142 · DOI: [10.1016/j.pce.2025.104224](https://doi.org/10.1016/j.pce.2025.104224)
Tam Makale · Uluslararası
21. **Sustainable Foam Concrete with Ceramic Powder and Coconut Shell Aggregate: Enhancing Environmental Sustainability and Material Performance** (2026)
Oğuzhan Yavuz Bayraktar, Halil Barış Özel, Ahmet Benli, Ihsan Türkel, İffet Gamze Mütevellî Özkan, **Gökhan Kaplan**
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, Cilt 38, Sayı 2 · DOI: [10.1061/jmcee7.mteng-20852](https://doi.org/10.1061/jmcee7.mteng-20852)
Tam Makale · Uluslararası

22. **Sustainable single and hybrid fiber reinforcement of ternary geopolymer composites with waste marble powder: Synergistic effects of micro steel, basalt, and carbon fibers** (2026)
Ahmet Benli, Mahmood Hunar Dheyaaldin, Ali Öz, İlknur Kara, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
STRUCTURAL CONCRETE, Cilt 27, Sayı 1, ss. 1205–1233 · DOI: [10.1002/suco.70173](https://doi.org/10.1002/suco.70173)
Tam Makale · Uluslararası
23. **Sustainable fly ash-based geopolymer composites: The influence of RAP aggregates and silica fume on strength, durability, and microstructural properties** (2026)
Ahmet Benli, Ali Öz, Dilan Kılıç, Ahmet Tortum, İsmail Yıldız, **Gökhan Kaplan**
STRUCTURAL CONCRETE, Cilt 27, Sayı 1, ss. 966–997 · DOI: [10.1002/suco.70042](https://doi.org/10.1002/suco.70042)
Tam Makale · Uluslararası
24. **Development of high-performance one-part geopolymer foam concrete using ground granulated blast furnace slag, waste concrete sludge, and bamboo powder for sustainable construction** (2026)
Md Foysal Faraji, Halil Oğuzhan Kara, Mehernaz Raazi, Mehtiali Ahıskalı, Ceren Eskici, Oğuzhan Yavuz Bayraktar, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın, Togay Ozbakkaloglu
CONSTRUCTION AND BUILDING MATERIALS, Cilt 506 · DOI: [10.1016/j.conbuildmat.2025.144827](https://doi.org/10.1016/j.conbuildmat.2025.144827)
Tam Makale · Uluslararası
25. **Enhanced durability, performance, and sustainability of alkali-activated composites with nano-Fe₂O₃ and nano-Fe₃O₄ under hybrid thermal-microwave curing** (2026)
Sina Hooshyar, Gamze Üçdemir, Ahmet Benli, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın, Togay Ozbakkaloglu
JOURNAL OF SUSTAINABLE CEMENT-BASED MATERIALS · DOI: [10.1080/21650373.2026.2613204](https://doi.org/10.1080/21650373.2026.2613204)
Tam Makale · Uluslararası
26. **Enhancing freeze-thaw and high-temperature resistance of one-part alkali-activated slag foam concrete with waste concrete powder: role of curing conditions and fiber reinforcement** (2026)
Nurbanu Baltacıoğlu Keşkek, Oğuzhan Yavuz Bayraktar, Ahmet Benli, İffet Gamze Mütevellî Özkan, Mehtiali Ahıskalı, **Gökhan Kaplan**
JOURNAL OF SUSTAINABLE CEMENT-BASED MATERIALS, Cilt 15, Sayı 8, ss. 2892–2913 · DOI: [10.1080/21650373.2026.2669203](https://doi.org/10.1080/21650373.2026.2669203)
Tam Makale · Uluslararası
27. **Enhancing mechanical, durability, and microstructural performance of fly ash-based one-part geopolymer foam concretes using marine mucilage and polypropylene fibers** (2026)
İffet Gamze Mütevellî Özkan, İhsan Türkel, Esra Kulaoğlu, Ahmet Benli, Halil Barış Özel, Oğuzhan Yavuz Bayraktar, Kaan Isinkaralar, **Gökhan Kaplan**
JOURNAL OF SUSTAINABLE CEMENT-BASED MATERIALS, Cilt 15, Sayı 10, ss. 3423–3449 · DOI: [10.1080/21650373.2026.2689559](https://doi.org/10.1080/21650373.2026.2689559)
Tam Makale · Uluslararası
28. **Copper tailings recycling in cement-based composites: A deterministic LCA approach accompanied by microstructure, mechanical, thermal and non-destructive tests** (2026)
İlknur bekem Kara, GÖKHAN DURMUŞ, Cuma Kara, **Gökhan Kaplan**
Minerals Engineering, Cilt 235 · DOI: [10.1016/j.mineng.2025.109866](https://doi.org/10.1016/j.mineng.2025.109866)
Tam Makale · Uluslararası

29. **Alternatives to mitigate the inferior performance of wet-mix shotcrete containing high recycled fine aggregate replacement rates** (2026)
Joseph J. Assaad, Hatice Gizem Şahin, **Gökhan Kaplan**, ALİ MARDANİ
EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, Cilt 30, Sayı 1 · DOI: [10.1080/19648189.2025.2601250](https://doi.org/10.1080/19648189.2025.2601250)
Tam Makale · Uluslararası
30. **Enhancing durability of slag-based alkali-activated composites with dunite sand and carbon fiber: Sulfate, freeze-thaw, and thermal resistance optimization** (2026)
Ahmet Benli, Sadullah Bürlükkara, Ali Öz, Mehmet Karataş, **Gökhan Kaplan**
STRUCTURAL CONCRETE · DOI: [10.1002/suco.70523](https://doi.org/10.1002/suco.70523)
Tam Makale · Uluslararası
31. **Synergistic role of nano-Fe₂O₃ and activator chemistry in enhancing mechanical, durability, and microstructural properties of fly ash-waste marble powder geopolymers** (2026)
Ali Öz, Ahmet Benli, İsmail Yıldız, Oytun Emre, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 508 · DOI: [10.1016/j.conbuildmat.2026.145131](https://doi.org/10.1016/j.conbuildmat.2026.145131)
Tam Makale · Uluslararası
32. **Fly ash and waste brick powder-based one-part geopolymer foam concrete with enhanced thermal performance: A circular approach to construction and demolition waste utilization** (2026)
Md Foysal Faraji, Ihsan Turkel, Iffet Gamze Mutevelli Ozkan, Oguzhan Yavuz Bayraktar, **Gökhan Kaplan**, Muhammed Bayram, Abdulkadir Cüneyt Aydın, Togay Ozbakkaloglu
JOURNAL OF BUILDING ENGINEERING, Cilt 117 · DOI: [10.1016/j.jobbe.2025.114850](https://doi.org/10.1016/j.jobbe.2025.114850)
Tam Makale · Uluslararası
33. **Eco-efficient roller-compacted concrete with recycled aggregates and fiber reinforcement** (2025)
Mehtiali Ahiskalı, Oguzhan Yavuz Bayraktar, Adem Ahiskalı, Ahmet Benli, **Gökhan Kaplan**
SUSTAINABLE CHEMISTRY AND PHARMACY, Cilt 48 · DOI: [10.1016/j.scp.2025.102246](https://doi.org/10.1016/j.scp.2025.102246)
Tam Makale · Uluslararası
34. **Recycling concrete sludge waste as a supplementary binder in one-part alkali-activated composites: A comprehensive performance evaluation** (2025)
Berk Demir, Oğuzhan Yavuz Bayraktar, Ahmet Benli, İhsan Türkel, Halil Oğuzhan Kara, **Gökhan Kaplan**
SUSTAINABLE CHEMISTRY AND PHARMACY, Cilt 48 · DOI: [10.1016/j.scp.2025.102245](https://doi.org/10.1016/j.scp.2025.102245)
Tam Makale · Uluslararası
35. **Development of Lightweight Building Materials Using a Sustainable Chemistry Approach: The Multifunctional Effects of Garlic Husk Ash on Foam Concrete** (2025)
Mehmet Ugur Yilmazoglu, Halil Oguzhan Kara, Kenan Toklu, Iffet Gamze Mutevelli Ozkan, Ihsan Turkel, Mahmut Bilgehan, Adem Ahiskali, Oguzhan Yavuz Bayraktar, **Gökhan Kaplan**
ACS OMEGA, Cilt 10, Sayı 48, ss. 58619–58646 · DOI: [10.1021/acsomega.5c06754](https://doi.org/10.1021/acsomega.5c06754)
Tam Makale · Uluslararası
36. **Enhancing freeze-thaw and sulfate resistance of expanded perlite-based alkali-activated lightweight composites with waste tire aggregates and brick powder** (2025)
Ali Öz, Edanur Kiziloglu, Ahmet Benli, **Gökhan Kaplan**
Archives of Civil and Mechanical Engineering, Cilt 26, Sayı 1 · DOI: [10.1007/s43452-025-01385-2](https://doi.org/10.1007/s43452-025-01385-2)
Tam Makale · Uluslararası

37. **Engineering properties of hybrid foam concrete based on waste glass powder and red pine cone powder** (2025)
Mehtiali Ahiskalı, İhsan Türkel, Barış Bayrak, Shahd Alhaj Ibrahim, Oğuzhan Yavuz Bayraktar, Halil Barış Özel, Hakan Şevik, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 501 · DOI: [10.1016/j.conbuildmat.2025.144386](https://doi.org/10.1016/j.conbuildmat.2025.144386)
Tam Makale · Uluslararası
38. **Comprehensive evaluation of fresh, mechanical, durability, and thermal properties of one-part alkali-activated slag composites with hybrid fibers and activated carbon** (2025)
Rıdvan Bekiroğlu, Oğuzhan Yavuz Bayraktar, Ahmet Benli, Mehmet Uğur Yilmazoğlu, İhsan Türkel, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 501 · DOI: [10.1016/j.conbuildmat.2025.144381](https://doi.org/10.1016/j.conbuildmat.2025.144381)
Tam Makale · Uluslararası
39. **Mechanical, microstructural, and environmental performance of alkali-activated slag mortar with metakaolin and glass fiber** (2025)
Hind Hidayet Sallai, Ahmet Benli, Ali ÖZ, GÖKHAN GENÇ, Nasr Eddine Bouhamo, Kenan Toklu, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 501, Makale no. 144285 · DOI: [10.1016/j.conbuildmat.2025.144285](https://doi.org/10.1016/j.conbuildmat.2025.144285)
Tam Makale · Uluslararası
40. **Green prepacked foam concretes against environmental attacks: The role of waste aluminum shavings, cooling methods and binder modifications** (2025)
Mehmet Uğur Yilmazoğlu, İhsan Türkel, Barış Bayrak, İffet Gamze Mütevellî Özkan, Esra Kulaoğlu, Oğuzhan Yavuz Bayraktar, Kenan Toklu, **Gökhan Kaplan**
JOURNAL OF BUILDING ENGINEERING, Cilt 114 · DOI: [10.1016/j.job.2025.114232](https://doi.org/10.1016/j.job.2025.114232)
Tam Makale · Uluslararası
41. **Synergistic effects of boiler ash and polypropylene fibers on the mechanical and durability properties of fly ash-based geopolymer foam concrete** (2025)
İhsan Türkel, Mehmet Uğur Yilmazoglu, Mehmet Akif Alman, Ahmet Benli, Oğuzhan Yavuz Bayraktar, **Gökhan Kaplan**
Archives of Civil and Mechanical Engineering, Cilt 26, Sayı 1 · DOI: [10.1007/s43452-025-01369-2](https://doi.org/10.1007/s43452-025-01369-2)
Tam Makale · Uluslararası
42. **Effects of air encapsulated with waste plastic straws in cement matrix on thermal insulation performance: sustainable and energy-efficient foam concrete production** (2025)
İffet Gamze Mutevellî Ozkan, DUYGU DEMİRTÜRK, İhsan Türkel, Mehmet Uğur Yilmazoglu, Halil Oğuzhan Kara, Busra Ata, Oğuzhan Yavuz Bayraktar, **Gökhan Kaplan**
Archives of Civil and Mechanical Engineering, Cilt 26, Sayı 1 · DOI: [10.1007/s43452-025-01354-9](https://doi.org/10.1007/s43452-025-01354-9)
Tam Makale · Uluslararası
43. **A green approach to construction: Fly ash-based one-part geopolymer foam concrete reinforced with waste concrete powder and polypropylene fibers** (2025)
Md Foysal Faraji, Adem Ahiskalı, Oğuzhan Yavuz Bayraktar, Mehtiali Ahiskalı, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın, Togay Ozbakkaloglu
CONSTRUCTION AND BUILDING MATERIALS, Cilt 494, Makale no. 143429 · DOI: [10.1016/j.conbuildmat.2025.143429](https://doi.org/10.1016/j.conbuildmat.2025.143429)
Tam Makale · Uluslararası

44. **Effects of metakaolin and waste tire aggregate on the properties of pumice-based lightweight geopolymer** (2025)
Oguzhan Yavuz Bayraktar, Ahmed Salah Jamal, Ali Öz, Jinyan Shi, Burak Bodur, **Gökhan Kaplan**
ADVANCES IN CEMENT RESEARCH, Cilt 37, Sayı 10, ss. 558–573 · DOI: [10.1680/jadcr.23.00183](https://doi.org/10.1680/jadcr.23.00183)
Tam Makale · Uluslararası
45. **Optimization of sustainable high-performance alkali-activated composites using industrial and agricultural wastes: A comprehensive performance evaluation** (2025)
Ali Öz, F. Melih Dursun, Ahmet Benli, **Gökhan Kaplan**
JOURNAL OF BUILDING ENGINEERING, Cilt 111 · DOI: [10.1016/j.jobbe.2025.113319](https://doi.org/10.1016/j.jobbe.2025.113319)
Tam Makale · Uluslararası
46. **Artificial intelligence-driven models for predicting mechanical properties of low-emission microwave-cured geopolymer mortar** (2025)
Faidhalrahman Khaleel, Haitham Abdulmohsin Afan, Alaa H. Abdulameer, Abdulrahman S. Abdullah, **Gökhan Kaplan**, CENGİZ DURAN ATİŞ
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, Cilt 156 · DOI: [10.1016/j.engappai.2025.111291](https://doi.org/10.1016/j.engappai.2025.111291)
Tam Makale · Uluslararası
47. **Sustainable enhancement of alkali-activated foam concrete using vegetable waste ash and fly ash: Improving mechanical, thermal, and durability properties** (2025)
Mehmet Uğur Yılmazoğlu, İhsan Türkel, Ahmet Benli, Oğuzhan Yavuz Bayraktar, Mahmut Bilgehan, **Gökhan Kaplan**
JOURNAL OF BUILDING ENGINEERING, Cilt 110 · DOI: [10.1016/j.jobbe.2025.113091](https://doi.org/10.1016/j.jobbe.2025.113091)
Tam Makale · Uluslararası
48. **Enhancing thermal insulation, mechanical strength, and durability of one-part fly ash-based geopolymer foam concrete using lime and mahogany sawdust** (2025)
İhsan Türkel, İffet Gamze Mütevellî Özkan, Esmanur Baltaoğlu, Ahmet Benli, Oğuzhan Yavuz Bayraktar, Halil Barış Özel, Hakan Şevik, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 491 · DOI: [10.1016/j.conbuildmat.2025.142656](https://doi.org/10.1016/j.conbuildmat.2025.142656)
Tam Makale · Uluslararası
49. **Experimental study on various properties of sustainable, high-performance, and innovative composite (SIFGEO)** (2025)
Haluk Gökem Alcan, Barış Bayrak, Ali Öz, Oğuzhan Çelebi, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
Journal of Structural Engineering & Applied Mechanics (Online), Cilt 8, Sayı 3, ss. 175–199 · DOI: [10.31462/jseam.2025.03175199](https://doi.org/10.31462/jseam.2025.03175199)
Tam Makale · Uluslararası
50. **Sustainable prepacked alkali-activated concrete: influence of natural zeolite, recycled aggregate, and curing conditions on mechanical, durability, and thermal performance** (2025)
Ali Öz, Mahmut Kursat Yılmaz, Ahmet Benli, **Gökhan Kaplan**
Archives of Civil and Mechanical Engineering, Cilt 25, Sayı 5-6 · DOI: [10.1007/s43452-025-01304-5](https://doi.org/10.1007/s43452-025-01304-5)
Tam Makale · Uluslararası
51. **Effect of apricot kernel ash on the performance of sustainable alkali-activated composites** (2025)
Ali Öz, Ahmed Salah Jamal, Baris Bayrak, Xuepeng Song, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
MATERIALS CHEMISTRY AND PHYSICS, Cilt 339, Makale no. 130748 · DOI: [10.1016/j.matchemphys.2025.130748](https://doi.org/10.1016/j.matchemphys.2025.130748)
Tam Makale · Uluslararası

52. **Physio-mechanical, durability and microstructural properties of sustainable permeable concrete reinforced with basalt fiber: reuse and recycling of waste polypropylene** (2025)
Ibrahim Dogan, Sadik Alper Yildizel, **Gökhan Kaplan**
CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, Cilt 27, Sayı 7, ss. 3079–3095 · DOI: [10.1007/s10098-024-03019-2](https://doi.org/10.1007/s10098-024-03019-2)
Tam Makale · Uluslararası
53. **Properties of green prepacked composites produced with slag cement: efficient recycling of micronized waste marble powder and waste wood sawdust** (2025)
Barış Bayrak, Oğuzhan Yavuz Bayraktar, Halil Oğuzhan Kara, İhsan Türkel, İffet Gamze Mütevellî Özkan, Mehmet Uğur Yılmazoğlu, Emirhan Bektaşoğlu, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
Archives of Civil and Mechanical Engineering, Cilt 25, Sayı 4 · DOI: [10.1007/s43452-025-01231-5](https://doi.org/10.1007/s43452-025-01231-5)
Tam Makale · Uluslararası
54. **Chemical resistance and toughness of fiber-reinforced ferrocement composites in H₂SO₄ and Na₂SO₄ environments: Enhancing the flexibility of structural foam concrete** (2025)
Md Foysal Faraji, Muhammet Ahmet Mecit Işık, Burak Bodur, Gamze Üçdemir, Oğuzhan Yavuz Bayraktar, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın, Muhammed Bayram, Togay Ozbakkaloglu
CONSTRUCTION AND BUILDING MATERIALS, Cilt 481, Makale no. 141593 · DOI: [10.1016/j.conbuildmat.2025.141593](https://doi.org/10.1016/j.conbuildmat.2025.141593)
Tam Makale · Uluslararası
55. **Recycling aerated concrete waste as aggregate to produce eco-friendly foamed mortar (EFM)** (2025)
Oğuzhan Yavuz Bayraktar, Ertuğrul Sarıgül, Mustafa Yüksel, Ahmed Salah Jamal, Halil Oğuzhan Kara, Mehmet Ali Ayyıldız, **Gökhan Kaplan**
STRUCTURAL CONCRETE, Cilt 26, Sayı 3, ss. 2650–2665 · DOI: [10.1002/suco.202401353](https://doi.org/10.1002/suco.202401353)
Tam Makale · Uluslararası
56. **Eco-efficient lime/pumice mortars with sheep wool for heritage restoration: Life cycle and energy savings** (2025)
Ruya Kilic Demircan, Muhammet Ahmet Mecit Isik, Ahmet Benli, Gokhan Genc, FİGEN BEYHAN, **Gökhan Kaplan**
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, Cilt 215 · DOI: [10.1016/j.rser.2025.115624](https://doi.org/10.1016/j.rser.2025.115624)
Tam Makale · Uluslararası
57. **Sustainable geopolymer foam concrete with recycled crumb rubber and dual fiber reinforcement of polypropylene and glass fibers: A comprehensive study** (2025)
Adem Ahiskalı, Ahmet Benli, Mehtiali Ahiskalı, Oğuzhan Yavuz Bayraktar, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 474 · DOI: [10.1016/j.conbuildmat.2025.141137](https://doi.org/10.1016/j.conbuildmat.2025.141137)
Tam Makale · Uluslararası
58. **Characterizing the Chemistry of One-Part Green Geopolymer Foams: The Role of Silica Fume and Fiber Hybridization** (2025)
Adem Ahiskali, Baris Bayrak, Kenan Toklu, Oguzhan Yavuz Bayraktar, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
ACS OMEGA, Cilt 10, Sayı 20, ss. 20193–20212, Makale no. 10738 · DOI: [10.1021/acsomega.4c10738](https://doi.org/10.1021/acsomega.4c10738)
Tam Makale · Uluslararası
59. **Sustainable lightweight wall blocks from recycled construction waste: The role of diatomite in mechanical ecological and thermal optimization** (2025)
Murat Çavuş, Mustafa Dayı, HÜSEYİN YILMAZ ARUNTAŞ, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 473 · DOI: [10.1016/j.conbuildmat.2025.140993](https://doi.org/10.1016/j.conbuildmat.2025.140993)
Tam Makale · Uluslararası

60. **Dunite powder as a green precursor in one-part alkali-activated composites: Effects on mechanical and durability properties** (2025)
Ahmet Benli, Oğuzhan Yavuz Bayraktar, Mehmet Karataş, Burak Bodur, Mehmet Uğur Yılmazoğlu, **Gökhan Kaplan**
SUSTAINABLE CHEMISTRY AND PHARMACY, Cilt 44 · DOI: [10.1016/j.scp.2025.101964](https://doi.org/10.1016/j.scp.2025.101964)
Tam Makale · Uluslararası
61. **Sustainable alkali-activated foam concrete with pumice aggregate: Effects of clinoptilolite zeolite and fly ash on strength, durability, and thermal performance** (2025)
Mehmet Uğur Yılmazoğlu, Halil Oğuzhan Kara, Ahmet Benli, Ali Rıza Demirkıran, Oğuzhan Yavuz Bayraktar, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 464 · DOI: [10.1016/j.conbuildmat.2025.140160](https://doi.org/10.1016/j.conbuildmat.2025.140160)
Tam Makale · Uluslararası
62. **Impact of attapulgite and basalt fiber additions on the performance of pumice-based foam concrete: mechanical, thermal, and durability properties** (2025)
Burak Bodur, Ahmet Benli, Oğuzhan Yavuz Bayraktar, Haluk Gorkem Alcan, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
Archives of Civil and Mechanical Engineering, Cilt 25, Sayı 2 · DOI: [10.1007/s43452-025-01128-3](https://doi.org/10.1007/s43452-025-01128-3)
Tam Makale · Uluslararası
63. **Innovative solutions on ductility and bearing capacity: Strengthening flexural performance of reinforced concrete beams with recycled face mask fibers** (2025)
ANIL ÖZDEMİR, BARAN BOZYİĞİT, Rüya Kılıç Demircan, ÖMER MERCİMEK, DAMLA NUR ÇELİK, SERCAN TUNA AKKAYA, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 458 · DOI: [10.1016/j.conbuildmat.2024.139717](https://doi.org/10.1016/j.conbuildmat.2024.139717)
Tam Makale · Uluslararası
64. **Integration of reclaimed asphalt aggregates into glass fiber-reinforced alkali-activated composites: Mechanical performance and durability** (2025)
Dilan Kılıç, Ali Öz, Ahmet Benli, Ahmet Tortum, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 458 · DOI: [10.1016/j.conbuildmat.2024.139645](https://doi.org/10.1016/j.conbuildmat.2024.139645)
Tam Makale · Uluslararası
65. **Use of waste latex paints in adhesive mortars for ceramic tile applications** (2025)
Joseph Assaad, **Gökhan Kaplan**
EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, Cilt 29, Sayı 16, ss. 3828-3849 · DOI: [10.1080/19648189.2025.2527968](https://doi.org/10.1080/19648189.2025.2527968)
Tam Makale · Uluslararası
66. **Application of recycled aggregates and biomass ash in fibre-reinforced green roller compacted concrete pavement-technical and environmental assessment** (2025)
Oğuzhan Yavuz Bayraktar, Serkan Turhal, Ahmet Benli, Jinyan Shi, **Gökhan Kaplan**
INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING, Cilt 26, Sayı 1 · DOI: [10.1080/10298436.2025.2458140](https://doi.org/10.1080/10298436.2025.2458140)
Tam Makale · Uluslararası
67. **Feasibility of foam concrete using recycled brick and roof tile fine aggregates** (2025)
Oğuzhan Yavuz Bayraktar, Adem Ahıskalı, Mehtiali Ahıskalı, Fikriye Ekşioğlu, **Gökhan Kaplan**, Joseph Assaad
EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, Cilt 29, Sayı 3, ss. 548-566 · DOI: [10.1080/19648189.2024.2407868](https://doi.org/10.1080/19648189.2024.2407868)
Tam Makale · Uluslararası

68. **Studying the metakaolin content, fiber type, and high-temperature effects on the physico-mechanical properties of fly ash-based geopolymer composites** (2025)
Baris Bayrak, Haluk Gorkem Alcan, Ozge Cigdem Ozelmaci Durmaz, Süleyman İpek, **Gökhan Kaplan**, Erhan Guneyisi, Abdulkadir Cüneyt Aydın
Archives of Civil and Mechanical Engineering, Cilt 25, Sayı 1 · DOI: [10.1007/s43452-024-01071-9](https://doi.org/10.1007/s43452-024-01071-9)
Tam Makale · Uluslararası
69. **Sustainable foam concrete development: Enhancing durability and performance through pine cone powder and fly ash incorporation in alkali-activated geopolymers** (2024)
Oğuzhan Yavuz Bayraktar, Halil Barış Özel, Ahmet Benli, Mehmet Uğur Yılmazoğlu, İhsan Türkel, Bahadır Berk Dal, Hakan Şevik, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 457 · DOI: [10.1016/j.conbuildmat.2024.139422](https://doi.org/10.1016/j.conbuildmat.2024.139422)
Tam Makale · Uluslararası
70. **Effective utilization of silica fume and waste colemanite in eco-sustainable prepacked geopolymers** (2024)
Haluk Gorkem Alcan, Ahmet Benli, Ali Öz, Baris Bayrak, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 457 · DOI: [10.1016/j.conbuildmat.2024.139438](https://doi.org/10.1016/j.conbuildmat.2024.139438)
Tam Makale · Uluslararası
71. **Sustainable Use of Waste Tire Rubbers in Eco-Friendly and Lightweight Alkali-Activated Slag-Silica Fume Mortars** (2024)
Mahmood Hunar Dheyaaldin, Oğuzhan Yavuz Bayraktar, Ali Öz, **Gökhan Kaplan**
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, Cilt 36, Sayı 12 · DOI: [10.1061/jmcee7.mteng-18152](https://doi.org/10.1061/jmcee7.mteng-18152)
Tam Makale · Uluslararası
72. **Sustainable use of waste marble powder and reclaimed asphalt pavement as aggregates in slag/metakaolin-based self-compacting geopolymer composites: Properties and durability** (2024)
Ali Öz, Dilan KILIÇ, Ahmet Benli, Ahmet Tortum, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
SUSTAINABLE CHEMISTRY AND PHARMACY, Cilt 42, Makale no. 101876 · DOI: [10.1016/j.scp.2024.101876](https://doi.org/10.1016/j.scp.2024.101876)
Tam Makale · Uluslararası
73. **Sustainable use of recycled fine aggregates in steel fiber-reinforced concrete: Fresh, flexural, mechanical and durability characteristics** (2024)
Ahmet Benli, Oguzhan Yavuz Bayraktar, FUAT KÖKSAL, **Gökhan Kaplan**
JOURNAL OF BUILDING ENGINEERING, Cilt 97 · DOI: [10.1016/j.jobbe.2024.110745](https://doi.org/10.1016/j.jobbe.2024.110745)
Tam Makale · Uluslararası
74. **Effect of hybrid fibers and high temperatures on the properties of geopolymer composites based on slag, metakaolin, and natural zeolite** (2024)
Bassam A. Tayeh, Baris Bayrak, Abdullah M. Zeyad, **Gökhan Kaplan**, Ali Öz, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 451 · DOI: [10.1016/j.conbuildmat.2024.138898](https://doi.org/10.1016/j.conbuildmat.2024.138898)
Tam Makale · Uluslararası
75. **Effect of quaternary binder slag-based geopolymer slurries on mechanical durability and microstructural properties of green prepacked composites** (2024)
Haluk Gorkem Alcan, Mahmood Hunar Dheyaaldin, Kenan Toklu, Baris Bayrak, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 450, Makale no. 138571 · DOI: [10.1016/j.conbuildmat.2024.138571](https://doi.org/10.1016/j.conbuildmat.2024.138571)
Tam Makale · Uluslararası

76. **Performance assessment of fiber-reinforced coral aggregate-based lightweight foam concrete for sustainable marine construction** (2024)
Oguzhan Yavuz Bayraktar, Aamar Danish, Burak Bodur, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın, Togay Ozbakkaloglu
CONSTRUCTION AND BUILDING MATERIALS, Cilt 449, Makale no. 138638 · DOI: [10.1016/j.conbuildmat.2024.138368](https://doi.org/10.1016/j.conbuildmat.2024.138368)
Tam Makale · Uluslararası
77. **A study on sustainable foam concrete with waste polyester and ceramic powder: Properties and durability** (2024)
Oguzhan Yavuz Bayraktar, Mustafa Tunçtan, Ahmet Benli, İhsan Türkel, Gözde Kızılay, **Gökhan Kaplan**
JOURNAL OF BUILDING ENGINEERING, Cilt 95 · DOI: [10.1016/j.job.2024.110253](https://doi.org/10.1016/j.job.2024.110253)
Tam Makale · Uluslararası
78. **Performance assessment of quaternary-blended geopolymers under different curing temperatures** (2024)
Aamar Danish, Oğuzhan Çelebi, Baris Bayrak, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın, Togay Ozbakkaloglu
JOURNAL OF BUILDING ENGINEERING, Cilt 95, Makale no. 110115 · DOI: [10.1016/j.job.2024.110115](https://doi.org/10.1016/j.job.2024.110115)
Tam Makale · Uluslararası
79. **Enhancing foam concrete: A comparative analysis of PLA+ fiber reinforcements with plain, hooked, and corrugated fibers** (2024)
Sadik Alper Yıldız, Mustafa Acik, **Gökhan Kaplan**, Oguzhan Yavuz Bayraktar
CONSTRUCTION AND BUILDING MATERIALS, Cilt 443 · DOI: [10.1016/j.conbuildmat.2024.137807](https://doi.org/10.1016/j.conbuildmat.2024.137807)
Tam Makale · Uluslararası
80. **Effects of silica fume and rice husk ash contents on engineering properties and high-temperature resistance of slag-based prepacked geopolymers** (2024)
Baris Bayrak, Haluk Gorkem Alcan, Muhammed Tanyildizi, **Gökhan Kaplan**, Süleyman İpek, Abdulkadir Cüneyt Aydın, Erhan Guneyisi
JOURNAL OF BUILDING ENGINEERING, Cilt 92, Makale no. 109746 · DOI: [10.1016/j.job.2024.109746](https://doi.org/10.1016/j.job.2024.109746)
Tam Makale · Uluslararası
81. **Mechanical and durability properties of polymer fiber reinforced one-part foam geopolymer concrete: A sustainable strategy for the recycling of waste steel slag aggregate and fly ash** (2024)
Adem Ahıskalı, Mehtiali Ahıskalı, Oğuzhan Yavuz Bayraktar, **Gökhan Kaplan**, Joseph Assaad
CONSTRUCTION AND BUILDING MATERIALS, Cilt 440 · DOI: [10.1016/j.conbuildmat.2024.137492](https://doi.org/10.1016/j.conbuildmat.2024.137492)
Tam Makale · Uluslararası
82. **Experimental study of bond behavior of geopolymer concrete under different curing condition using a pull-out test** (2024)
Baris Bayrak, Oguzhan Akarsu, Mahmut Kılıç, Haluk Gorkem Alcan, Oğuzhan Çelebi, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 439 · DOI: [10.1016/j.conbuildmat.2024.137357](https://doi.org/10.1016/j.conbuildmat.2024.137357)
Tam Makale · Uluslararası
83. **Fracture performance of fiber reinforced geopolymer: Synergetic perspective** (2024)
Muhammed Gumus, Baris Bayrak, Haluk Gorkem Alcan, **Gökhan Kaplan**, Oğuzhan Çelebi, Abdulkadir Cüneyt Aydın
JOURNAL OF BUILDING ENGINEERING, Cilt 91, Makale no. 109501 · DOI: [10.1016/j.job.2024.109501](https://doi.org/10.1016/j.job.2024.109501)
Tam Makale · Uluslararası

84. **Investigation on the sustainable use of different sizes of sawdust aggregates in eco-friendly foam concretes: Physico-mechanical, thermal insulation and durability characteristics** (2024)
İffet Gamze Mütevellili Özkan, Kıymet Aldemir, Omar Alhasan, Ahmet Benli, Oguzhan Yavuz Bayraktar, Mehmet Uğur Yılmazoğlu, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 438 · DOI: [10.1016/j.conbuildmat.2024.137100](https://doi.org/10.1016/j.conbuildmat.2024.137100)
Tam Makale · Uluslararası
85. **Valorization of Seawater as an Activator for Mixing and Curing Water in Mid-Strength Concrete Containing Class C Fly Ash: Strength, Economic and Environmental Benefits** (2024)
HÜSEYİN YILMAZ ARUNTAŞ, Yusuf Korkmaz, İlhami Demir, **Gökhan Kaplan**
Iranian Journal of Science and Technology - Transactions of Civil Engineering, Cilt 48, Sayı 4, ss. 2049–2059 · DOI: [10.1007/s40996-023-01302-8](https://doi.org/10.1007/s40996-023-01302-8)
Tam Makale · Uluslararası
86. **Durability of green rubberized 3D printed lightweight cement composites reinforced with micro attapulgite and micro steel fibers: Printability and environmental perspective** (2024)
Burak Bodur, Muhammet Ahmet Mecit Isik, Ahmet Benli, Baris Bayrak, Ali Öz, Oguzhan Yavuz Bayraktar, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
JOURNAL OF BUILDING ENGINEERING, Cilt 90 · DOI: [10.1016/j.jobbe.2024.109447](https://doi.org/10.1016/j.jobbe.2024.109447)
Tam Makale · Uluslararası
87. **Recycling of waste crushed stone powder for alkali-activated material production** (2024)
Zhuguo Li, **Gökhan Kaplan**
Journal of Material Cycles and Waste Management, Cilt 26, Sayı 4, ss. 2413–2434, Makale no. 2024 · DOI: [10.1007/s10163-024-01973-z](https://doi.org/10.1007/s10163-024-01973-z)
Tam Makale · Uluslararası
88. **Impact of rice husk ash on physico-mechanical, durability and microstructural features of rubberized lightweight geopolymer composite** (2024)
Abdullah M. Zeyad, Oguzhan Yavuz Bayraktar, Bassam A. Tayeh, Abdulkadir Cüneyt Aydın, İffet Gamze Mutevellili Ozkan, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 427 · DOI: [10.1016/j.conbuildmat.2024.136265](https://doi.org/10.1016/j.conbuildmat.2024.136265)
Tam Makale · Uluslararası
89. **Sustainable use of silica fume and metakaolin in slag/fly ash-based self-compacting geopolymer composites: Fresh, physico-mechanical and durability properties** (2024)
Sumeyye Arslan, Ali Öz, Ahmet Benli, Baris Bayrak, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
SUSTAINABLE CHEMISTRY AND PHARMACY, Cilt 38, Makale no. 101512 · DOI: [10.1016/j.scp.2024.101512](https://doi.org/10.1016/j.scp.2024.101512)
Tam Makale · Uluslararası
90. **Synergetic effect of fibers on geopolymers: Cost-effective and sustainable perspective** (2024)
Haluk Gorkem Alcan, Baris Bayrak, Ali Öz, Oğuzhan Çelebi, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 414, Makale no. 135059 · DOI: [10.1016/j.conbuildmat.2024.135059](https://doi.org/10.1016/j.conbuildmat.2024.135059)
Tam Makale · Uluslararası
91. **The Mechanical and Durability Properties of Cement Mortars with Different Types of Fibers and Chemical Admixtures** (2024)
dilan çankal, Ali Ugur Ozturk, **Gökhan Kaplan**
Deü Fen Ve Mühendislik Dergisi, Cilt 26, Sayı 76, ss. 98–104 · DOI: [10.21205/deufmd.2024267612](https://doi.org/10.21205/deufmd.2024267612)
Tam Makale · Ulusal

92. **Performance assessment and cost analysis of slag/metakaolin based rubberized semi-lightweight geopolymers with perlite aggregate: Sustainable reuse of waste tires** (2024)
Oguzhan Yavuz Bayraktar, Ahmet Benli, Burak Bodur, Ali Öz, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 411 · DOI: [10.1016/j.conbuildmat.2023.134655](https://doi.org/10.1016/j.conbuildmat.2023.134655)
Tam Makale · Uluslararası
93. **Assessment of the sustainability and producibility of adobe constructions reinforced with Ca-based binders: Environmental life cycle analysis (LCA) and 3D printability** (2024)
Gokhan Genc, Ruya Kilic Demircan, FİGEN BEYHAN, **Gökhan Kaplan**
SCIENCE OF THE TOTAL ENVIRONMENT, Cilt 906 · DOI: [10.1016/j.scitotenv.2023.167695](https://doi.org/10.1016/j.scitotenv.2023.167695)
Tam Makale · Uluslararası
94. **Utilizing genetic programming to evaluate and predict roller-compacted concrete pavements reinforced with coal powder and basalt fiber** (2024)
Ahmet Yilmaz, SADIK ALPER YILDIZEL, Alireza Bahrami, **Gökhan Kaplan**
INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING, Cilt 25, Sayı 1 · DOI: [10.1080/10298436.2024.2382328](https://doi.org/10.1080/10298436.2024.2382328)
Tam Makale · Uluslararası
95. **Sustainable one-part alkali activated slag/fly ash Geo-SIFCOM containing recycled sands: Mechanical, flexural, durability and microstructural properties** (2023)
Oğuzhan Yavuz Bayraktar, Tevfik Hakan Bozkurt, Ahmet Benli, FUAT KÖKSAL, Mesut Türkoğlu, **Gökhan Kaplan**
SUSTAINABLE CHEMISTRY AND PHARMACY, Cilt 36 · DOI: [10.1016/j.scp.2023.101319](https://doi.org/10.1016/j.scp.2023.101319)
Tam Makale · Uluslararası
96. **Effect of aluminosilicate precursors and curing regime on physico-mechanical durability and microstructural characteristics of coral geopolymers (Cor-Geo): Cleaner production for coral islands** (2023)
Baris Bayrak, Oğuzhan Çelebi, Ali Öz, İLKER USTABAŞ, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 407 · DOI: [10.1016/j.conbuildmat.2023.133596](https://doi.org/10.1016/j.conbuildmat.2023.133596)
Tam Makale · Uluslararası
97. **The Mechanical and Fracture Characteristics of Low Fiber Content Slurry-Infiltrated Fiber Concrete** (2023)
Muhammed Gumus, Baris Bayrak, Oğuzhan Çelebi, Haluk Gorkem Alcan, **Gökhan Kaplan**, Ali Öz, Abdulkadir Cüneyt Aydın
Iranian Journal of Science and Technology - Transactions of Civil Engineering, Cilt 47, Sayı 6, ss. 3345–3356 · DOI: [10.1007/s40996-023-01123-9](https://doi.org/10.1007/s40996-023-01123-9)
Tam Makale · Uluslararası
98. **The behavior of cold-formed steel geopolymeric composites** (2023)
Mahmut Kılıç, Haluk Gorkem Alcan, Oğuzhan Çelebi, Baris Bayrak, Ali Öz, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
STRUCTURAL CONCRETE, Cilt 24, Sayı 6, ss. 7355–7377 · DOI: [10.1002/suco.202200836](https://doi.org/10.1002/suco.202200836)
Tam Makale · Uluslararası
99. **Improving the eco-efficiency of fiber reinforced composite by ultra-low cement content/high FA-GBFS addition for structural applications: Minimization of cost, CO2 emissions and embodied energy** (2023)
Gökhan Kaplan, Oguzhan Yavuz Bayraktar, Zhuguo Li, Burak Bodur, Mehmet Uğur Yılmazoglu, Bilge Aksu Alcan
JOURNAL OF BUILDING ENGINEERING, Cilt 76 · DOI: [10.1016/j.jobbe.2023.107280](https://doi.org/10.1016/j.jobbe.2023.107280)
Tam Makale · Uluslararası

100. **Effect of using wastewater from the ready-mixed concrete plant on the performance of one-part alkali-activated GBFS/FA composites: Fresh, mechanical and durability properties** (2023)
Burak Bodur, Oguzhan Yavuz Bayraktar, Ahmet Benli, **Gökhan Kaplan**, Dina E. Tobbala, Bassam Tayeh
JOURNAL OF BUILDING ENGINEERING, Cilt 76 · DOI: [10.1016/j.job.2023.107167](https://doi.org/10.1016/j.job.2023.107167)
Tam Makale · Uluslararası
101. **Metakaolin-based geopolymer concretes for nuclear protection: On the perspective of physicochemical, durability, and microstructure** (2023)
Baris Bayrak, **Gökhan Kaplan**, Ali Öz, Esra Kavaz Perişanoğlu, Oğuzhan Çelebi, Haluk Goerkem Alcan, Mehrzad Mohabbi, Abdulkadir Cüneyt Aydın
STRUCTURAL CONCRETE, Cilt 24, Sayı 5, ss. 6644–6671 · DOI: [10.1002/suco.202200839](https://doi.org/10.1002/suco.202200839)
Tam Makale · Uluslararası
102. **Effect of waste COVID-19 face masks on self-compacting high-strength mortars exposed to elevated temperature** (2023)
GÖKHAN DURMUŞ, Damla Nur Çelik, Rüya Kılıç Demircan, **Gökhan Kaplan**
Ain Shams Engineering Journal, Cilt 14, Sayı 8 · DOI: [10.1016/j.asej.2022.102058](https://doi.org/10.1016/j.asej.2022.102058)
Tam Makale · Uluslararası
103. **Recycling of waste marble powder and waste colemanite in ternary-blended green geopolymer composites: Mechanical, durability and microstructural properties** (2023)
Baris Bayrak, Ahmet Benli, Haluk Gorkem Alcan, Oğuzhan Çelebi, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
JOURNAL OF BUILDING ENGINEERING, Cilt 73 · DOI: [10.1016/j.job.2023.106661](https://doi.org/10.1016/j.job.2023.106661)
Tam Makale · Uluslararası
104. **Physico-mechanical and microstructural properties of waste geopolymer powder and lime-added semi-lightweight geopolymer concrete: Efficient machine learning models** (2023)
Fabiola da Silveira Maranhao, Fernando Gomes de Souza Junior, Priscila Soares, Haluk Gorkem Alcan, Oğuzhan Çelebi, Baris Bayrak, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
JOURNAL OF BUILDING ENGINEERING, Cilt 72 · DOI: [10.1016/j.job.2023.106629](https://doi.org/10.1016/j.job.2023.106629)
Tam Makale · Uluslararası
105. **Optimization of without SCM concrete exposed to seawater according to minimum cost and CO2 emissions: Sustainable design with ABC algorithm** (2023)
Gökhan Kaplan, Oguzhan Yavuz Bayraktar, Tugrul Bayraktar
Materials Today Communications, Cilt 35 · DOI: [10.1016/j.mtcomm.2023.105657](https://doi.org/10.1016/j.mtcomm.2023.105657)
Tam Makale · Uluslararası
106. **Application of natural fibres in cement concrete: A critical review** (2023)
Hussein M. Hamada, Jinyan Shi, Mohammed S. Al Jawahery, Ali Majdi, Salim T. Yousif, **Gökhan Kaplan**
Materials Today Communications, Cilt 35 · DOI: [10.1016/j.mtcomm.2023.105833](https://doi.org/10.1016/j.mtcomm.2023.105833)
Tam Makale · Uluslararası
107. **Effect of cement clinker type, curing regime and activator dosage on the performance of one-part alkali-activated hybrid slag/clinker composites** (2023)
Mesut Turkoglu, Oguzhan Yavuz Bayraktar, Ahmet Benli, **Gökhan Kaplan**
JOURNAL OF BUILDING ENGINEERING, Cilt 68 · DOI: [10.1016/j.job.2023.106164](https://doi.org/10.1016/j.job.2023.106164)
Tam Makale · Uluslararası

108. **Insulating and fire-resistant performance of slag and brick powder based one-part alkali-activated lightweight mortars** (2023)
FUAT KÖKSAL, OĞUZHAN YAVUZ BAYRAKTAR, Burak Bodur, AHMET BENLİ, **Gökhan Kaplan**
STRUCTURAL CONCRETE, Cilt 24, Sayı 3, ss. 3128–3146 · DOI: [10.1002/suco.202200607](https://doi.org/10.1002/suco.202200607)
Tam Makale · Uluslararası
109. **The effect of animal and synthetic fibers on the physico-mechanical durability and microstructure properties of natural hydraulic lime-based mortars** (2023)
Ruya Kilic Demircan, Bassam A. Tayeh, DAMLA NUR ÇELİK, **Gökhan Kaplan**, Dina E. Tobbala
Materials Today Communications, Cilt 35 · DOI: [10.1016/j.mtcomm.2023.106041](https://doi.org/10.1016/j.mtcomm.2023.106041)
Tam Makale · Uluslararası
110. **The plastic hinge length prediction of RC members by using ANN** (2023)
Baris Bayrak, Oguzhan Akarsu, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, Cilt 48, Sayı 3 · DOI: [10.1007/s12046-023-02182-4](https://doi.org/10.1007/s12046-023-02182-4)
Tam Makale · Uluslararası
111. **The effect of clinker aggregate on acid resistance in prepacked geopolymers containing metakaolin and quartz powder in the presence of ground blast furnace slag** (2023)
Baris Bayrak, Sahar A. Mostafa, Ali Öz, Bassam A. Tayeh, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
JOURNAL OF BUILDING ENGINEERING, Cilt 69 · DOI: [10.1016/j.job.2023.106290](https://doi.org/10.1016/j.job.2023.106290)
Tam Makale · Uluslararası
112. **Characterization study of geopolymer concretes fabricated with clinker aggregates** (2023)
Ali Öz, İlknur Bekem Kara, Baris Bayrak, Esra Kavaz Perişanoğlu, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 384 · DOI: [10.1016/j.conbuildmat.2023.131461](https://doi.org/10.1016/j.conbuildmat.2023.131461)
Tam Makale · Uluslararası
113. **Mechanical, durability and microstructural characteristics of Portland pozzolan cement (PPC) produced with high volume pumice: Green, cleaner and sustainable cement development** (2023)
HAYATİ ULUSU, Hüseyin Yılmaz Aruntaş, Arzuhan Burcu Gültekin, Mustafa Dayı, Murat Çavuş, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 378 · DOI: [10.1016/j.conbuildmat.2023.131070](https://doi.org/10.1016/j.conbuildmat.2023.131070)
Tam Makale · Uluslararası
114. **The engineering properties of high strength mortars incorporating juniper seed ash calcined at different temperatures: Comparison with other SCMs** (2023)
DAMLA NUR ÇELİK, Rüya Kılıç Demircan, Jinyan Shi, **Gökhan Kaplan**, GÖKHAN DURMUŞ
POWDER TECHNOLOGY, Cilt 422 · DOI: [10.1016/j.powtec.2023.118474](https://doi.org/10.1016/j.powtec.2023.118474)
Tam Makale · Uluslararası
115. **Effect of waste colemanite and PVA fibers on GBFS-Metakaolin based high early strength geopolymer composites (HESGC): Mechanical, microstructure and carbon footprint characteristics** (2023)
Ali Öz, Baris Bayrak, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 377, Makale no. 131064 · DOI: [10.1016/j.conbuildmat.2023.131064](https://doi.org/10.1016/j.conbuildmat.2023.131064)
Tam Makale · Uluslararası
116. **Performance evaluation and cost analysis of prepacked geopolymers containing waste marble powder under different curing temperatures for sustainable built environment** (2023)
Aamar Danish, Ali Öz, Baris Bayrak, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın, Togay Ozbakkaloglu
RESOURCES CONSERVATION AND RECYCLING, Cilt 192 · DOI: [10.1016/j.resconrec.2023.106910](https://doi.org/10.1016/j.resconrec.2023.106910)
Tam Makale · Uluslararası

117. **Preparation and characterization of a novel prepacked aggregate geopolymer: A feasibility study** (2023)
Gökhan Kaplan, Jinyan Shi, Ali Öz, Baris Bayrak, Mahmood Hunar Dheyaaldin, Abdulkadir Cüneyt Aydın
POWDER TECHNOLOGY, Cilt 421, Makale no. 118423 · DOI: [10.1016/j.powtec.2023.118423](https://doi.org/10.1016/j.powtec.2023.118423)
Tam Makale · Uluslararası
118. **The effect of geopolymer slurries with clinker aggregates and marble waste powder on embodied energy and high-temperature resistance in prepacked concrete: ANFIS-based prediction model** (2023)
Gökhan Kaplan, Ali Öz, Baris Bayrak, Abdulkadir Cüneyt Aydın
JOURNAL OF BUILDING ENGINEERING, Cilt 67 · DOI: [10.1016/j.jobbe.2023.105987](https://doi.org/10.1016/j.jobbe.2023.105987)
Tam Makale · Uluslararası
119. **Physico-mechanical and shielding properties of alkali-activated slag composites incorporating cement clinker aggregate: Effect of high temperature and particle size** (2023)
Baris Bayrak, Ali Öz, Ahmet Benli, Esra Kavaz Perişanoğlu, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
JOURNAL OF BUILDING ENGINEERING, Cilt 67 · DOI: [10.1016/j.jobbe.2023.105982](https://doi.org/10.1016/j.jobbe.2023.105982)
Tam Makale · Uluslararası
120. **Physico-mechanical, thermal insulation and resistance characteristics of diatomite and attapulgite based geopolymer foam concrete: Effect of different curing regimes** (2023)
Gökhan Kaplan, Oguzhan Yavuz Bayraktar, Baris Bayrak, Oğuzhan Çelebi, Burak Bodur, Ali Öz, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 373 · DOI: [10.1016/j.conbuildmat.2023.130850](https://doi.org/10.1016/j.conbuildmat.2023.130850)
Tam Makale · Uluslararası
121. **The effect of steel fiber aspect-ratio and content on the fresh, flexural, and mechanical performance of concrete made with recycled fine aggregate** (2023)
Oguzhan Yavuz Bayraktar, **Gökhan Kaplan**, Jinyan Shi, Ahmet Benli, Burak Bodur, Mesut Turkoglu
CONSTRUCTION AND BUILDING MATERIALS, Cilt 368 · DOI: [10.1016/j.conbuildmat.2023.130497](https://doi.org/10.1016/j.conbuildmat.2023.130497)
Tam Makale · Uluslararası
122. **Basalt fiber reinforced foam concrete with marble waste and calcium aluminate cement** (2023)
OĞUZHAN YAVUZ BAYRAKTAR, Gokhan Yazar, AHMET BENLİ, **Gökhan Kaplan**, OSMAN GENÇEL, MÜCAHİT SÜTÇÜ, Marcin Kozlowski, Marta Kadela
STRUCTURAL CONCRETE, Cilt 24, Sayı 1, ss. 1152-1178 · DOI: [10.1002/suco.202200142](https://doi.org/10.1002/suco.202200142)
Tam Makale · Uluslararası
123. **Hemp fiber reinforced one-part alkali-activated composites with expanded perlite: Mechanical properties, microstructure analysis and high-temperature resistance** (2023)
OĞUZHAN YAVUZ BAYRAKTAR, Dina E. Tobbala, Mesut Turkoglu, **Gökhan Kaplan**, Bassam A. Tayeh
CONSTRUCTION AND BUILDING MATERIALS, Cilt 363 · DOI: [10.1016/j.conbuildmat.2022.129716](https://doi.org/10.1016/j.conbuildmat.2022.129716)
Tam Makale · Uluslararası
124. **Synergic effect of some waste pozzolans on the mechanical and shielding properties of geopolymer concretes** (2023)
Baris Bayrak, Ali Öz, Esra Kavaz Perişanoğlu, **Gökhan Kaplan**, Oğuzhan Çelebi, Haluk Gorkem Alcan, Abdulkadir Cüneyt Aydın
Radiation Effects and Defects in Solids, Cilt 178, Sayı 7-8, ss. 855-884 · DOI: [10.1080/10420150.2023.2191849](https://doi.org/10.1080/10420150.2023.2191849)
Tam Makale · Uluslararası

125. **A comprehensive characterization on geopolymer concretes with low content slag and quartz aggregates: the shielding features** (2023)
Haluk Gorkem Alcan, Baris Bayrak, Ali Öz, Esra Kavaz Perişanoğlu, **Gökhan Kaplan**, Oğuzhan Çelebi, Abdulkadir Cüneyt Aydın
Radiation Effects and Defects in Solids, Cilt 178, Sayı 7-8, ss. 769–798 · DOI: [10.1080/10420150.2023.2184363](https://doi.org/10.1080/10420150.2023.2184363)
Tam Makale · Uluslararası
126. **The use of waste marble for cleaner production of structural concrete: A comprehensive experimental study** (2022)
Osman Gencel, Mehrab Nodehi, Oguzhan Yavuz Bayraktar, **Gökhan Kaplan**, Ahmet Benli, FUAT KÖKSAL, TURHAN BİLİR, Rafat Siddique, Togay Ozbakkaloglu
CONSTRUCTION AND BUILDING MATERIALS, Cilt 361 · DOI: [10.1016/j.conbuildmat.2022.129612](https://doi.org/10.1016/j.conbuildmat.2022.129612)
Tam Makale · Uluslararası
127. **Development, characterization, and performance analysis of shape-stabilized phase change material included-geopolymer for passive thermal management of buildings** (2022)
OSMAN GENÇEL, Maria Harja, AHMET SARI, GÖKHAN HEKİMOĞLU, ABİD USTAOĞLU, MÜCAHİT SÜTÇÜ, ERTUĞRUL ERDOĞMUŞ, **Gökhan Kaplan**, OĞUZHAN YAVUZ BAYRAKTAR
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, Cilt 46, Sayı 15, ss. 21841–21855 · DOI: [10.1002/er.8735](https://doi.org/10.1002/er.8735)
Tam Makale · Uluslararası
128. **Characteristics, energy saving and carbon emission reduction potential of gypsum wallboard containing phase change material** (2022)
ALİ YARAŞ, ABİD USTAOĞLU, OSMAN GENÇEL, AHMET SARI, Gokhan Hekimoglu, MÜCAHİT SÜTÇÜ, ERTUĞRUL ERDOĞMUŞ, **Gökhan Kaplan**, OĞUZHAN YAVUZ BAYRAKTAR
Journal of Energy Storage, Cilt 55 · DOI: [10.1016/j.est.2022.105685](https://doi.org/10.1016/j.est.2022.105685)
Tam Makale · Uluslararası
129. **Properties of eco-friendly foam concrete containing PCM impregnated rice husk ash for thermal management of buildings** (2022)
OSMAN GENÇEL, AHMET SARI, **Gökhan Kaplan**, ABİD USTAOĞLU, GÖKHAN HEKİMOĞLU, OĞUZHAN YAVUZ BAYRAKTAR, Togay Ozbakkaloglu
JOURNAL OF BUILDING ENGINEERING, Cilt 58 · DOI: [10.1016/j.jobbe.2022.104961](https://doi.org/10.1016/j.jobbe.2022.104961)
Tam Makale · Uluslararası
130. **Usage of ready-mixed concrete plant wastewater in concrete with superplasticizer: Effect on physico-mechanical properties** (2022)
HÜSEYİN YILMAZ ARUNTAŞ, Engin Nalli, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 348 · DOI: [10.1016/j.conbuildmat.2022.128641](https://doi.org/10.1016/j.conbuildmat.2022.128641)
Tam Makale · Uluslararası
131. **The effect of limestone and bottom ash sand with recycled fine aggregate in foam concrete** (2022)
OSMAN GENÇEL, Bekir Balci, OĞUZHAN YAVUZ BAYRAKTAR, Mehrab Nodehi, AHMET SARI, **Gökhan Kaplan**, Gokhan Hekimog, Aliakbar Gholampour, AHMET BENLİ, Togay Ozbakkaloglu
JOURNAL OF BUILDING ENGINEERING, Cilt 54 · DOI: [10.1016/j.jobbe.2022.104689](https://doi.org/10.1016/j.jobbe.2022.104689)
Tam Makale · Uluslararası

132. **The radiation shielding and microstructure properties of quartzic and metakaolin based geopolymer concrete** (2022)
Ali Öz, Baris Bayrak, Esra Kavaz Perişanoğlu, **Gökhan Kaplan**, Oğuzhan Çelebi, Haluk Gorkem Alcan, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 342, Makale no. 127923 · DOI: [10.1016/j.conbuildmat.2022.127923](https://doi.org/10.1016/j.conbuildmat.2022.127923)
Tam Makale · Uluslararası
133. **Mechanical durability and microstructural properties of sustainable high strength mortars ?ncorporated basalt fiber and copper slag: Taguchi optimization** (2022)
Mohammed Naji Ahmed Abu Aeshah, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 339 · DOI: [10.1016/j.conbuildmat.2022.127815](https://doi.org/10.1016/j.conbuildmat.2022.127815)
Tam Makale · Uluslararası
134. **Optimization of foam concrete characteristics using response surface methodology and artificial neural networks** (2022)
BİLAL KURŞUNCU, OSMAN GENÇEL, OĞUZHAN YAVUZ BAYRAKTAR, Jinyan Shi, Mahdi Nematzadeh, **Gökhan Kaplan**
CONSTRUCTION AND BUILDING MATERIALS, Cilt 337 · DOI: [10.1016/j.conbuildmat.2022.127575](https://doi.org/10.1016/j.conbuildmat.2022.127575)
Tam Makale · Uluslararası
135. **Foam Concrete Produced with Recycled Concrete Powder and Phase Change Materials** (2022)
OSMAN GENÇEL, Mehrab Nodehi, GÖKHAN HEKİMOĞLU, ABİD USTAOĞLU, AHMET SARI, **Gökhan Kaplan**, OĞUZHAN YAVUZ BAYRAKTAR, MÜCAHİT SÜTÇÜ, Togay Ozbakkaloglu
SUSTAINABILITY, Cilt 14, Sayı 12 · DOI: [10.3390/su14127458](https://doi.org/10.3390/su14127458)
Tam Makale · Uluslararası
136. **The effect of recycled fine aggregates treated as washed, less washed and unwashed on the mechanical and durability characteristics of concrete under MgSO4 and freeze-thaw cycles** (2022)
Oguzhan Yavuz Bayraktar, **Gökhan Kaplan**, Ahmet Benli
JOURNAL OF BUILDING ENGINEERING, Cilt 48 · DOI: [10.1016/j.jobbe.2021.103924](https://doi.org/10.1016/j.jobbe.2021.103924)
Tam Makale · Uluslararası
137. **Investigation of physico-mechanical, thermal properties and solar thermoregulation performance of shape-stable attapulgite based composite phase change material in foam concrete** (2022)
Osman Gencel, Abid Ustaoglu, Ahmet Benli, GÖKHAN HEKİMOĞLU, AHMET SARI, Ertugrul Erdogmus, Mucahit Sutcu, **Gökhan Kaplan**, Oguzhan Yavuz Bayraktar
SOLAR ENERGY, Cilt 236, ss. 51–62 · DOI: [10.1016/j.solener.2022.02.042](https://doi.org/10.1016/j.solener.2022.02.042)
Tam Makale · Uluslararası
138. **Basalt fiber-reinforced foam concrete containing silica fume: An experimental study** (2022)
Osman Gencel, Mehrab Nodehi, Oguzhan Yavuz Bayraktar, **Gökhan Kaplan**, Ahmet Benli, Aliakbar Gholampour, Togay Ozbakkaloglu
CONSTRUCTION AND BUILDING MATERIALS, Cilt 326 · DOI: [10.1016/j.conbuildmat.2022.126861](https://doi.org/10.1016/j.conbuildmat.2022.126861)
Tam Makale · Uluslararası
139. **Effect of quartz powder on mid-strength fly ash geopolymers at short curing time and low curing temperature** (2022)
Gökhan Kaplan, Ali Öz, Baris Bayrak, Haluk Gorkem Alcan, Oğuzhan Çelebi, Abdulkadir Cüneyt Aydın
CONSTRUCTION AND BUILDING MATERIALS, Cilt 329, Makale no. 127153 · DOI: [10.1016/j.conbuildmat.2022.127153](https://doi.org/10.1016/j.conbuildmat.2022.127153)
Tam Makale · Uluslararası

140. **Usage of recycled fine aggregates obtained from concretes with low w/c ratio in the production of masonry plaster and mortar** (2022)
Gökhan Kaplan, Mesut Turkoglu, Burak Bodur, OĞUZHAN YAVUZ BAYRAKTAR
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY, Cilt 24, Sayı 2, ss. 2685–2714 · DOI: [10.1007/s10668-021-01551-5](https://doi.org/10.1007/s10668-021-01551-5)
Tam Makale · Uluslararası
141. **Lightweight foam concrete containing expanded perlite and glass sand: Physico-mechanical, durability, and insulation properties** (2022)
OSMAN GENÇEL, OĞUZHAN YAVUZ BAYRAKTAR, **Gökhan Kaplan**, Oguz Arslan, Mehrab Nodehi, AHMET BENLİ, Aliakbar Gholampour, Togay Ozbakkaloglu
CONSTRUCTION AND BUILDING MATERIALS, Cilt 320 · DOI: [10.1016/j.conbuildmat.2021.126187](https://doi.org/10.1016/j.conbuildmat.2021.126187)
Tam Makale · Uluslararası
142. **High temperature resistant restoration mortar with fly ash and GGBFS** (2022)
Ruya Kilic Demircan, **Gökhan Kaplan**, DAMLA NUR ÇELİK
JOURNAL OF SUSTAINABLE CEMENT-BASED MATERIALS, Cilt 11, Sayı 6, ss. 418–438 · DOI: [10.1080/21650373.2021.1992682](https://doi.org/10.1080/21650373.2021.1992682)
Tam Makale · Uluslararası
143. **THE ENGINEERING PERFORMANCE OF ECO-FRIENDLY CONCRETES CONTAINING DIATOMITE FLY ASH AND GROUND GRANULATED BLAST FURNACE SLAG** (2022)
HÜSEYİN YILMAZ ARUNTAŞ, E. R. K. A. N. YILDIZ, **Gökhan Kaplan**
ACTA POLYTECHNICA, Cilt 62, Sayı 5, ss. 505–521 · DOI: [10.14311/ap.2022.62.0505](https://doi.org/10.14311/ap.2022.62.0505)
Tam Makale · Uluslararası
144. **The impact of natural and calcined zeolites on the mechanical and durability characteristics of glass fiber reinforced cement composites** (2021)
Gökhan Kaplan, Ugur Coskan, AHMET BENLİ, OĞUZHAN YAVUZ BAYRAKTAR, Ahmet Burak Kucukbaltaci
CONSTRUCTION AND BUILDING MATERIALS, Cilt 311 · DOI: [10.1016/j.conbuildmat.2021.125336](https://doi.org/10.1016/j.conbuildmat.2021.125336)
Tam Makale · Uluslararası
145. **The impact of RCA and fly ash on the mechanical and durability properties of polypropylene fibre-reinforced concrete exposed to freeze-thaw cycles and MgSO4 with ANN modeling** (2021)
OĞUZHAN YAVUZ BAYRAKTAR, Sami Salem Taher Eshtewi, AHMET BENLİ, **Gökhan Kaplan**, Kenan Toklu, Furkan Gunek
CONSTRUCTION AND BUILDING MATERIALS, Cilt 313 · DOI: [10.1016/j.conbuildmat.2021.125508](https://doi.org/10.1016/j.conbuildmat.2021.125508)
Tam Makale · Uluslararası
146. **The effects of cement type and expanded vermiculite powder on the thermo- mechanical characteristics and durability of lightweight mortars at high temperature and RSM modelling** (2021)
FUAT KÖKSAL, Turan Nazli, AHMET BENLİ, OSMAN GENÇEL, **Gökhan Kaplan**
CASE STUDIES IN CONSTRUCTION MATERIALS, Cilt 15 · DOI: [10.1016/j.cscm.2021.e00709](https://doi.org/10.1016/j.cscm.2021.e00709)
Tam Makale · Uluslararası
147. **Influence of bottom ash and polypropylene fibers on the physico-mechanical, durability and thermal performance of foam concrete: An experimental investigation** (2021)
OSMAN GENÇEL, Syed Minhaj Saleem Kazmi, Muhammad Junaid Munir, **Gökhan Kaplan**, OĞUZHAN YAVUZ BAYRAKTAR, Duygu Ozturk Yazar, Arash Karimipour, Muhammad Riaz Ahmad
CONSTRUCTION AND BUILDING MATERIALS, Cilt 306 · DOI: [10.1016/j.conbuildmat.2021.124887](https://doi.org/10.1016/j.conbuildmat.2021.124887)
Tam Makale · Uluslararası

148. **Effect of high volume fly ash and micro-steel fiber on flexural toughness and durability properties in self-compacting lightweight mortar (SCLM) (2021)**
Gökhan Kaplan, OĞUZHAN YAVUZ BAYRAKTAR, SELÇUK MEMİŞ
CONSTRUCTION AND BUILDING MATERIALS, Cilt 307 · DOI: [10.1016/j.conbuildmat.2021.124877](https://doi.org/10.1016/j.conbuildmat.2021.124877)
Tam Makale · Uluslararası
149. **Microstructure and durability properties of lightweight and high-performance sustainable cement-based composites with rice husk ash (2021)**
Gökhan Kaplan, Mohamed A. Salem Elmekahal
Environmental Science and Pollution Research, Cilt 28, ss. 52936–52962 · DOI: [10.1007/s11356-021-14489-y](https://doi.org/10.1007/s11356-021-14489-y)
Tam Makale · Uluslararası
150. **Effect of cement dosage and waste tire rubber on the mechanical, transport and abrasion characteristics of foam concretes subjected to H2SO4 and freeze-thaw (2021)**
OĞUZHAN YAVUZ BAYRAKTAR, Hasan Soylemez, **Gökhan Kaplan**, AHMET BENLİ, OSMAN GENÇEL, Mesut Turkoglu
CONSTRUCTION AND BUILDING MATERIALS, Cilt 302 · DOI: [10.1016/j.conbuildmat.2021.124229](https://doi.org/10.1016/j.conbuildmat.2021.124229)
Tam Makale · Uluslararası
151. **Mechanical and durability properties of steel fiber-reinforced concrete containing coarse recycled concrete aggregate (2021)**
Gökhan Kaplan, Oguzhan Yavuz Bayraktar, Aliakbar Gholampour, Osman Gencel, FUAT KÖKSAL, Togay Ozbakkaloglu
STRUCTURAL CONCRETE, Cilt 22, Sayı 5, ss. 2791–2812 · DOI: [10.1002/suco.202100028](https://doi.org/10.1002/suco.202100028)
Tam Makale · Uluslararası
152. **Characteristics of hemp fibre reinforced foam concretes with fly ash and Taguchi optimization (2021)**
OSMAN GENÇEL, OĞUZHAN YAVUZ BAYRAKTAR, **Gökhan Kaplan**, AHMET BENLİ, Gonzalo Martinez-Barrera, Witold Brostow, Murat Tek, Burak Bodur
CONSTRUCTION AND BUILDING MATERIALS, Cilt 294 · DOI: [10.1016/j.conbuildmat.2021.123607](https://doi.org/10.1016/j.conbuildmat.2021.123607)
Tam Makale · Uluslararası
153. **Effect of waste marble powder and rice husk ash on the microstructural, physico-mechanical and transport properties of foam concretes exposed to high temperatures and freeze-thaw cycles (2021)**
Osman Gencel, Ahmet Benli, Oguzhan Yavuz Bayraktar, **Gökhan Kaplan**, Mucahit Sutcu, Wiam Abdelmagid Taher Elabade
CONSTRUCTION AND BUILDING MATERIALS, Cilt 291 · DOI: [10.1016/j.conbuildmat.2021.123374](https://doi.org/10.1016/j.conbuildmat.2021.123374)
Tam Makale · Uluslararası
154. **Farklı çimentolardan üretilen köpük betonlarda atık lastiklerin hafif agrega olarak kullanımı (2021)**
OĞUZHAN YAVUZ BAYRAKTAR, **Gökhan Kaplan**
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Cilt 11, Sayı 3, ss. 692–703 · DOI: [10.17714/gumusfenbil.859989](https://doi.org/10.17714/gumusfenbil.859989)
Tam Makale · Ulusal
155. **Physico-mechanical, durability and thermal properties of basalt fiber reinforced foamed concrete containing waste marble powder and slag (2021)**
Oguzhan Yavuz Bayraktar, **Gökhan Kaplan**, Osman Gencel, Ahmet Benli, Mucahit Sutcu
CONSTRUCTION AND BUILDING MATERIALS, Cilt 288 · DOI: [10.1016/j.conbuildmat.2021.123128](https://doi.org/10.1016/j.conbuildmat.2021.123128)
Tam Makale · Uluslararası

156. **Experimental Investigation of Thermal Performance of XPS Insulated Exterior Walls** (2021)
Gökhan Kaplan, HÜSEYİN YILMAZ ARUNTAŞ
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGİSİ, Cilt 24, Sayı 2, ss. 645-653 · DOI: [10.2339/politeknik.755753](https://doi.org/10.2339/politeknik.755753)
Tam Makale · Uluslararası
157. **The effect of hemp fiber usage on the mechanical and physical properties of cement based mortars** (2021)
Gökhan Kaplan, OĞUZHAN YAVUZ BAYRAKTAR
Research on Engineering Structures and Materials, Cilt 7, Sayı 2, ss. 245-258 · DOI: [10.17515/resm2020.242ma1222](https://doi.org/10.17515/resm2020.242ma1222)
Tam Makale · Ulusal
158. **Investigation of the Usage Areas of Different Fiber Reinforced Concrete** (2021)
ABDELWAHAB Z AMAİTİK ALTERA, OĞUZHAN YAVUZ BAYRAKTAR, BURAK BODUR, **Gökhan Kaplan**
Kastamonu University Journal of Engineering and Sciences, Cilt 7, Sayı 1, ss. 7-18
Derleme · Uluslararası
159. **The impact of recycled coarse aggregates obtained from waste concretes on lightweight pervious concrete properties** (2021)
Gökhan Kaplan, Aslinur Gulcan, Betül Cagdas, OĞUZHAN YAVUZ BAYRAKTAR
Environmental Science and Pollution Research, Cilt 28, Sayı 14, ss. 17369-17394 · DOI: [10.1007/s11356-020-11881-y](https://doi.org/10.1007/s11356-020-11881-y)
Tam Makale · Uluslararası
160. **Investigation of Properties of Concrete Produced with Recycled Aggregates** (2020)
Abdelwahab Z. Amaitik ALTERA, OĞUZHAN YAVUZ BAYRAKTAR, Burak Bodur, **Gökhan Kaplan**
Journal of Cement Based Composites, Cilt 1, Sayı 2, ss. 26-34 · DOI: [10.36937/cebacom.2020.002.005](https://doi.org/10.36937/cebacom.2020.002.005)
Derleme · Uluslararası
161. **ÇİMENTO VE UÇUCU KÜL BÜNYESİNDEKİ AĞIR METALLERİN ETKİLERİNİN HİDRATASYON VE ÇEVRE SAĞLIĞI AÇISINDAN İNCELENMESİ** (2020)
Gökhan Kaplan, ALİ UĞUR ÖZTÜRK, Afife Büşra Uğur Kaplan
Mühendislik Bilimleri ve Tasarım Dergisi, Cilt 8, Sayı 1 · DOI: [10.21923/jesd.512389](https://doi.org/10.21923/jesd.512389)
Derleme · Uluslararası
162. **Cure Conditions on the Shrinkage of Geopolymer Mortar** (2019)
Abdoslam Alnkaa, HASBİ YAPRAK, SELÇUK MEMİŞ, **Gökhan Kaplan**
International Journal Of Engineering Research And Development, Cilt 14, Sayı 10, ss. 51-55
Tam Makale · Uluslararası
163. **Effects of different curing conditions on the properties of geopolymeric mortar** (2019)
HASBİ YAPRAK, Abdoslam Alnkaa, SELÇUK MEMİŞ, **Gökhan Kaplan**
MOJ Civil Engineering, Cilt 5, Sayı 1, ss. 45-50
Tam Makale · Uluslararası
164. **Cost optimization of Colored Gypsum Composites** (2019)
SADIK ALPER YILDIZEL, **Gökhan Kaplan**
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, Cilt 11, Sayı 1, ss. 200-210 · DOI: [10.29137/umagd.406809](https://doi.org/10.29137/umagd.406809)
Tam Makale · Ulusal

165. **Artificial Neural Network Estimation of the Effect of Varying Curing Conditions and Cement Type on Hardened Concrete Properties** (2019)
Gökhan Kaplan, Hasbi Yaprak, Selçuk Memiş, Abdoslam Alnkaa
BUILDINGS, Cilt 9, Sayı 1 · DOI: [10.3390/buildings9010010](https://doi.org/10.3390/buildings9010010)
Tam Makale · Uluslararası
166. **Dimensional Stability and Microstructural Properties of Cements with Different C3A Contents** (2019)
Gökhan Kaplan, ALİ UĞUR ÖZTÜRK
INAE Letters, Cilt 4, ss. 15–26 · DOI: [10.1007/s41403-018-00061-7](https://doi.org/10.1007/s41403-018-00061-7)
Tam Makale · Uluslararası
167. **Effects on Compressive Strenght of Accelerated Curing Methods in Alkali Activated Mortars** (2018)
HASBİ YAPRAK, SELÇUK MEMİŞ, **Gökhan Kaplan**, MEHMET UĞUR YILMAZOĞLU, İFFET GAMZE MÜTEVELLİ ÖZKAN
International Journal of Scientific and Technological Research, Cilt 4, Sayı 5, ss. 70–78
Tam Makale · Uluslararası
168. **The Optimizaton of Calcareous Fly Ash-Added Cement Containing Grinding Aids and Strength-Improving Additives** (2018)
Gökhan Kaplan, Sadik Alper Yildizel, Selcuk Memis, Ali Ugur Ozturk
Advances in Civil Engineering, Cilt 2018 · DOI: [10.1155/2018/8917059](https://doi.org/10.1155/2018/8917059)
Tam Makale · Uluslararası
169. **Effect Of Industrial Wastes As Replacement Of Fine Aggregate On Properties Of Concrete** (2017)
HASBİ YAPRAK, SELÇUK MEMİŞ, **Gökhan Kaplan**
Journal of Scientific and Engineering Research, Cilt 4, Sayı 12, ss. 228–235
Tam Makale · Uluslararası
170. **Jeopolimer Betonun Hayvan Barınaklarında KullanılabilmePotansiyelinin Araştırılması** (2017)
SELÇUK MEMİŞ, **Gökhan Kaplan**, SADIK ALPER YILDIZEL
Turkish Journal of Agriculture - Food Science and Technology, Cilt 5, Sayı 11, ss. 1365–1370 · DOI: [10.24925/turjaf.v5i11.1365-1370.1458](https://doi.org/10.24925/turjaf.v5i11.1365-1370.1458)
Tam Makale · Uluslararası
171. **Determination of the Plasticity Index of Soils with Fine-Grained Soils Using Methylene Blue Test** (2017)
NERMİN ÜNVER OTÇU, SONER UZUNDURUKAN, **Gökhan Kaplan**
Journal of Geoscience and Environment Protection
Tam Makale · Uluslararası
172. **Glass fibre reinforced concrete rebound optimization** (2017)
Sadik Alper Yildizel, Muhammet Ensar Yiğit, **Gökhan Kaplan**
CMES - Computer Modeling in Engineering and Sciences, Cilt 113, Sayı 2, ss. 211–227
Tam Makale · Uluslararası
173. **A study of some durability properties of mortars with white cement and Portland cement Studiul unor caracteristici de durabilitate ale mortarelor preparate cu ciment alb și ciment Portland** (2017)
Ali Uğur Öztürk, **Gökhan Kaplan**
Revista Romana de Materiale/ Romanian Journal of Materials, Cilt 47, Sayı 3, ss. 315–321
Tam Makale · Uluslararası
174. **MAJOR CONSTRUCTIONAL DISPUTE CAUSES IN TURKEY** (2016)
S. A. Yildizel, E. Dogan, **Gökhan Kaplan**, A. Ergut
ARCHIVES OF CIVIL ENGINEERING, Cilt 62, Sayı 4, ss. 193–202 · DOI: [10.1515/ace-2015-0116](https://doi.org/10.1515/ace-2015-0116)
Tam Makale · Uluslararası

175. **FARKLI KÜR KOŞULLARININ TABAN KÜLÜ KATKILI GEOPOLİMERLERİN TERMAL VE MEKANİK ÖZELLİKLERİNE ETKİSİ** (2016)
HASBİ YAPRAK, **Gökhan Kaplan**
Tübav Bilim Dergisi
Tam Makale · Uluslararası
176. **Cost Optimization of Mortars Containing Different Pigments and Their Freeze-Thaw Resistance Properties** (2016)
Sadık Alper Yıldız, **Gökhan Kaplan**, Ali Ugur Ozturk
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, Cilt 2016 · DOI: [10.1155/2016/5346213](https://doi.org/10.1155/2016/5346213)
Tam Makale · Uluslararası
177. **Demir Oksit Katkılı Pigmentler Kullanılarak Üretilen Cam Lifi Takviyeli Mimari Betonların Donma-Çözülme Dayanıklılığının İncelenmesi** (2016)
Gökhan Kaplan, SADIK ALPER YILDIZEL, ALİ UĞUR ÖZTÜRK, ERKAN DOĞAN
Kastamonu University Journal of Engineering and Sciences, Cilt 2, Sayı 2, ss. 1-9
Tam Makale · Uluslararası
178. **Kimyasal Katkılarıdaki Hidroliz Sürecinin Taze ve Sertleşmiş Beton Özellikleri Üzerindeki Etkisi** (2015)
Gökhan Kaplan, İLKNUR BEKEM
Electronic Journal of Vocational Colleges, Cilt 5, Sayı 5, ss. 54-60
Tam Makale · Uluslararası
179. **The optimization of biopolymer additive cements on the behavior of freezing and thawing cycles** (2015)
SADIK ALPER YILDIZEL, **Gökhan Kaplan**, ALİ UĞUR ÖZTÜRK
European International Journal of Science and Technology, Cilt 4, Sayı 7, ss. 116-126
Tam Makale · Ulusal
180. **Freeze-Thaw Resistance Of Light-Coloured Basalt Fibre Reinforced Concrete Used For Concrete Paving** (2015)
SADIK ALPER YILDIZEL, **Gökhan Kaplan**, ALİ UĞUR ÖZTÜRK, YUSUF ARSLAN
Journal of Engineering Research and Applied Science, Cilt 3, Sayı 2, ss. 252-259
Tam Makale · Uluslararası
181. **A research on civil engineering students past video game playing experiences** (2015)
SADIK ALPER YILDIZEL, **Gökhan Kaplan**, ERKAN DOĞAN, YUSUF ARSLAN, ALİ UĞUR ÖZTÜRK
Journal of Engineering Research and Applied Science, Cilt 4, Sayı 2, ss. 296-302
Tam Makale · Ulusal
182. **A study on the effects of weather conditions on the worker health and performance in a construction site** (2015)
Sadık Alper Yıldız, **Gökhan Kaplan**, Yusuf Arslan, Mehmet Sinan Yıldırım, Ali Uğur Öztürk
Journal of Engineering Research and Applied Science, Cilt 4, Sayı 1, ss. 291-295
Tam Makale · Ulusal
183. **The importance of innovation and leadership education in civil engineering discipline** (2015)
SADIK ALPER YILDIZEL, **Gökhan Kaplan**, YUSUF ARSLAN, ALİ UĞUR ÖZTÜRK, MEHMET EVRENSSEL, MEHMET ALİ YURDUSEV
Journal of Engineering Research and Applied Science, Cilt 4, Sayı 2, ss. 303-306
Tam Makale · Ulusal

184. **Seramik Atıklarının Çimento İkame Malzemesi Olarak Kullanılması ve Asit Dayanıklılığının İncelenmesi** (2015)
Günseli Kalınçimen, ALİ UĞUR ÖZTÜRK, **Gökhan Kaplan**, SADIK ALPER YILDIZEL
Kastamonu Üniversitesi Mühendislik ve Fen Bilimleri Dergisi
Tam Makale · Ulusal
185. **Dissolution properties of different types of plasticizers and investigation of their impact on mortars via variance analysis ANOVA** (2014)
Gökhan Kaplan, ALİ UĞUR ÖZTÜRK, SADIK ALPER YILDIZEL, HASBİ YAPRAK
Usak University Journal of Material Sciences, Cilt 3, Sayı 2, s. 208 · DOI: [10.12748/uujsms.201429449](https://doi.org/10.12748/uujsms.201429449)
Tam Makale · Uluslararası
186. **Cem I Cem IIIA ve Borlu Çimento Harçları Üzerine Farklı Agresif Koşulların Etkisi** (2011)
HASBİ YAPRAK, İLHAMİ DEMİR, **Gökhan Kaplan**
Politeknik Dergisi
Tam Makale · Ulusal

Bildiriler

1. **High temperature and freeze-thaw performance of geopolymers with glass fiber and natural zeolite** (2025)
Gamze Üçdemir, Ali Öz, **Gökhan Kaplan**
4 th International Civil Engineering & Architecture Conference, Trabzon, 17.05.2025 – 19.05.2025, ss. 234-244, Tam metin bildiri · DOI: [10.31462/icearc2025_ce_eqe_337](https://doi.org/10.31462/icearc2025_ce_eqe_337)
Tam Metin Bildiri · Uluslararası · Türkiye
2. **DOĞAL ZEOLİT VE POLİPROPİLEN LİF KATKILI KİREÇ HARÇLARININ FİZİKO-MEKANİK ÖZELLİKLERİ** (2024)
Ahmet Muhammet Mecit Işık, Gamze Üçdemir, Oğuzhan Uğurlu, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın
7. Uluslararası Tarihi Yapılar Sempozyumu, Diyarbakır, 27.09.2024 – 28.09.2024, Tam metin bildiri
Tam Metin Bildiri · Uluslararası · Türkiye
3. **EXPERIMENTAL INVESTIGATION OF THE EFFECT OF WASTE RICE HUSK ON THE PHYSICAL, MECHANICAL AND HIGH TEMPERATURE PROPERTIES OF GEOPOLYMER CONCRETE** (2023)
Gizem Korkulu, Ali Öz, **Gökhan Kaplan**, BARIŞ BAYRAK, Abdulkadir Cüneyt Aydın
EGE 10th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES December 22 -24, 2023 – IZMİR, İzmir, 22.12.2023, ss. 1073-1083, Tam metin bildiri
Tam Metin Bildiri · Uluslararası · Türkiye
4. **EXPERIMENTAL INVESTIGATION OF MECHANICAL, PHYSICAL AND HIGH TEMPERATURE PROPERTIES OF GEOPOLYMER CONCRETE CONTAINING WASTE TIRE POWDER** (2023)
Hilal Çil, Ali Öz, **Gökhan Kaplan**, BARIŞ BAYRAK, Abdulkadir Cüneyt Aydın
Ases International Bandırma Scientific Studies Conference October 27-29, 2023, Balıkesir, Türkiye, Balıkesir, 27.10.2023 – 29.10.2023, ss. 118-129, Tam metin bildiri
Tam Metin Bildiri · Uluslararası · Türkiye
5. **Experimental investigation of the mechanical and physical properties of geopolymer concrete containing zeolite** (2023)
murat efe, Ali Öz, BARIŞ BAYRAK, **Gökhan Kaplan**, Mahmut Kılıç, HALUK GÖRKEM ALCAN, Oğuzhan Çelebi, Abdulkadir Cüneyt Aydın
Proceedings of 3rd International Civil Engineering and Architecture Congress (ICEARC'23), Trabzon, 12.10.2023, ss. 739-750, Tam metin bildiri · DOI: [10.31462/icearc.2023.mat454](https://doi.org/10.31462/icearc.2023.mat454)
Tam Metin Bildiri · Uluslararası · Türkiye

6. THE EFFECT OF ALKALI SOLUTION ON THE PROPERTIES OF LIGHTWEIGHT GEOPOLYMER CONCRETE CONTAINING PERLITE AND PUMICE (2023)

Ali Öz, BARIŞ BAYRAK, **Gökhan Kaplan**, Abdulkadir Cüneyt Aydın

2. International Pumice and Perlite Symposium (PuPeS'23 Cappadocia) September 7-9 2023 NEVŞEHİR, Nevşehir, 07.09.2023, Tam metin bildirir

Tam Metin Bildiri · Uluslararası · Türkiye

7. Mechanical Properties of Ultra-High Performance Geopolymer Concrete: Effects of Quartz Powder and Silica Fume (2022)

Gökhan Kaplan, Zehra Gürbüz, Şeyda Torun Yalçın, Serpil Ağırman, Sümeyye Aslan, Barış Bayrak, Oğuzhan Çelebi, Abdulkadir Cüneyt Aydın

The First International Cement Based Composite Congress, Erzurum, 29.06.2022 – 30.06.2022, ss. 83-88, Tam metin bildirir

Tam Metin Bildiri · Uluslararası · Türkiye

8. MECHANICAL PROPERTIES OF METAKAOLIN BASED GEOPOLYMERS USING WASTE GEOPOLYMER POWDER AND LIME (2022)

Gökhan Kaplan, Oğuzhan Çelebi, ALİ ÖZ, HALUK GÖRKEM ALCAN, BARIŞ BAYRAK, Abdulkadir Cüneyt Aydın

6th International Conference on Computational Mathematics and Engineering Sciences, Ordu, 20.05.2022, ss. 210-221, Özet bildirir

Özet Bildiri · Uluslararası · Türkiye

9. INVESTIGATION OF MECHANICAL AND MICROSCOPIC PROPERTIES OF RECYCLED CONCRETE BASED ON GEOPOLYMER POWDER CONTAINING LIME AND METAKAOLIN (2022)

Gökhan Kaplan, Oğuzhan Çelebi, Ali Öz, Barış Bayrak, Haluk Gökrem Alcan, Abdulkadir Cüneyt Aydın

6th International Conference on Computational Mathematics and Engineering Sciences / 20-22 May. 2022, Ordu - Turkey, Ordu, 20.05.2022 – 22.06.2022, ss. 10-21, Tam metin bildirir

Tam Metin Bildiri · Uluslararası · Türkiye

10. THE EFFECT OF POLYVINYL ALCOHOL FIBER ON THE MECHANICAL PROPERTIES OF HIGH STRENGTH GEOPOLYMER CONCRETES (2022)

Ali Öz, Oğuzhan Çelebi, **Gökhan Kaplan**, Haluk Gökrem Alcan, Barış Bayrak, Abdulkadir Cüneyt Aydın

6th International Conference on Computational Mathematics and Engineering Sciences / 20-22 May. 2022, Ordu - Turkey, Ordu, 20.05.2022 – 22.06.2022, ss. 1-10, Tam metin bildirir

Tam Metin Bildiri · Uluslararası · Türkiye

11. The Effect of Curing Temperature on the Early Age Properties of Granulated Furnace Slag Based Reactive Geopolymer Concrete (2021)

Gökhan Kaplan, Ali Öz, Barış Bayrak, Haluk Gökrem Alcan, Oğuzhan Çelebi, Abdulkadir Cüneyt Aydın

First International Geopolymeric Composites Congress, Erzurum, 29.12.2021 – 30.12.2021, ss. 9-16, Tam metin bildirir

Tam Metin Bildiri · Uluslararası · Türkiye

12. Deniz Suyu Kullanımının Harçların Mekanik ve Durabilite Özelliklerine Etkisi (2021)

AHMET BURAK KÜÇÜKBALTACI, Furkan GÜNEK, OĞUZHAN YAVUZ BAYRAKTAR, **Gökhan Kaplan**

3.Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, 22.10.2021 – 24.10.2021, ss. 279-286, Tam metin bildirir

Tam Metin Bildiri · Uluslararası · Türkiye

13. **Atık Asfaltın Köpük Betonda Kullanımı (2021)**

UĞUR YAKUPOĞLU, Mesut TÜRKOĞLU, OĞUZHAN YAVUZ BAYRAKTAR, **Gökhan Kaplan**

3.Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, 22.10.2021 – 24.10.2021, Tam metin bildiri

Tam Metin Bildiri · Uluslararası · Türkiye

14. **Köpük Betonlarda Atık Lastiğin Agrega Olarak Kullanılabilirliği (2021)**

Mesut TÜRKOĞLU, UĞUR YAKUPOĞLU, **Gökhan Kaplan**, OĞUZHAN YAVUZ BAYRAKTAR

3.Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, 22.10.2021 – 24.10.2021, Tam metin bildiri

Tam Metin Bildiri · Uluslararası · Türkiye

15. **Atık Metalik Liflerle Üretilen Sifcon Kompozitlerinin Özelliklerinin Araştırılması (2021)**

TEVFİK HAKAN BOZKURT, Mesut TÜRKOĞLU, **Gökhan Kaplan**, OĞUZHAN YAVUZ BAYRAKTAR

3.Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, 22.10.2021 – 24.10.2021, Tam metin bildiri

Tam Metin Bildiri · Uluslararası · Türkiye

16. **Köpük Betonlarda Taban Külünün Hafif Agrega Olarak Değerlendirilmesi (2021)**

Burak BODUR, **Gökhan Kaplan**, OĞUZHAN YAVUZ BAYRAKTAR

Uluslararası Bilimsel Araştırmalar ve Yenilikçi Çalışmalar Sempozyumu, 22.02.2021 – 25.02.2021, ss. 872-883, Tam metin bildiri

Tam Metin Bildiri · Uluslararası · Türkiye

17. **Kalsiyum Alüminat Çimentolarının Köpük Beton Üretiminde Kullanımının İncelenmesi (2021)**

Burak BODUR, OĞUZHAN YAVUZ BAYRAKTAR, **Gökhan Kaplan**

1.Uluslararası Mühendislik ve Mimarlık Kongresi, Ankara, 16.01.2021 – 17.01.2021, ss. 360-383, Tam metin bildiri

Tam Metin Bildiri · Uluslararası · Türkiye

18. **Floor Coating Materials (2019)**

TAHER ATEYA, BEKİR BALCI, OĞUZHAN YAVUZ BAYRAKTAR, **Gökhan Kaplan**

5rd International Congress On Engineering, Architecture And Design, İstanbul, 21.12.2019 – 22.12.2019, ss. 431-438, Tam metin bildiri

Tam Metin Bildiri · Uluslararası · Türkiye

19. **İnşaat Projelerinde Risk Yönetimi Ve İş Sağlığı Ve Güvenliği Açısından Örnek Bir Risk Değerlendirmesi (2019)**

YUNUS EMRE KARSLIOĞLU, BEKİR BALCI, OĞUZHAN YAVUZ BAYRAKTAR, **Gökhan Kaplan**

5rd International Congress On Engineering, Architecture And Design, 21.12.2019 – 22.12.2019, Tam metin bildiri

Tam Metin Bildiri · Uluslararası

20. **Raylı Sistemlerin Yapı Bilgi Modellemesi (YBM) İle Entegrasyonu (Ataköy-İkitelli Projesi İnşaatı Örneği) (2019)**

BEKİR BALCI, **Gökhan Kaplan**, OĞUZHAN YAVUZ BAYRAKTAR

5rd International Congress On Engineering, Architecture And Design, 21.12.2019 – 22.12.2019, Tam metin bildiri

Tam Metin Bildiri · Uluslararası

21. **Optimization of Durability Characteristics of White Cement Mortars (2019)**

ALİ UĞUR ÖZTÜRK, **Gökhan Kaplan**, DİLÂN ÇANKAL

International Symposium on Academic Studies in Science, Engineering and Architecture Studies, Ankara, 15.11.2019 – 17.11.2019, Tam metin bildiri

Tam Metin Bildiri · Uluslararası · Türkiye

22. **Microstructure Properties of Sulfate-Effectuated Blast Furnace Slag Reinforced Restoration Mortars** (2019)
RÜYA KILIÇ DEMİRCAN, **Gökhan Kaplan**
4TH INTERNATIONAL SUSTAINABLE BUILDINGS SYMPOSIUM, Dallas, 18.07.2019 – 20.07.2019, ss. 323–333, Tam
metin bildirir · DOI: [10.5772/intechopen.87812](https://doi.org/10.5772/intechopen.87812)
Tam Metin Bildiri · Uluslararası · Amerika Birleşik Devletleri
23. **Farklı Klinkerlerden Üretilen Çimentoların Öğütülebilirlik Mekanik ve Mikroyapı Özellikleri** (2019)
Gökhan Kaplan, ALİ UĞUR ÖZTÜRK
10.Uluslararası Katılımlı Beton Kongresi, 02.05.2019 – 04.05.2019, Özet bildirir
Bildiri · Uluslararası
24. **Effect of Waste Tire Rubber and Fly Ash on Lightweight Geopolymer Concrete Production** (2019)
Musaab Enbaya, SELÇUK MEMİŞ, **Gökhan Kaplan**, HASBİ YAPRAK
ICELIS 2019, Kastamonu, 11.04.2019 – 14.04.2019, ss. 475–479, Tam metin bildirir
Tam Metin Bildiri · Uluslararası · Türkiye
25. **Effect of Adding Glass Powder in Geopolymer Concrete** (2019)
Majed Al ANNAKOA, SELÇUK MEMİŞ, **Gökhan Kaplan**, HASBİ YAPRAK
ICELIS 2019, Kastamonu, 11.04.2019 – 14.04.2019, ss. 480–484, Tam metin bildirir
Tam Metin Bildiri · Uluslararası · Türkiye
26. **Use of Marble Powder and Fly Ash in Self-Compacting Concrete** (2019)
Musaab Enbaya, SELÇUK MEMİŞ, **Gökhan Kaplan**, HASBİ YAPRAK
ICELIS 2019, Kastamonu, 11.04.2019 – 14.04.2019, ss. 485–488, Tam metin bildirir
Tam Metin Bildiri · Uluslararası · Türkiye
27. **A STUDY ON THE WATER CONSERVATION MEASURES IN GREEN BUILDINGS** (2018)
ARZUHAN BURCU GÜLTEKİN, **Gökhan Kaplan**, RÜYA KILIÇ DEMİRCAN, HÜSEYİN YILMAZ ARUNTAŞ
3rd International Energy Engineering Congress, Gaziantep, 18.10.2018 – 19.10.2018, Tam metin bildirir
Tam Metin Bildiri · Uluslararası · Türkiye
28. **A STUDY ON THE POSSIBLE USE OF INDUSTRIAL WASTE IN ROLLERCOMPACTED CONCRETE PAVEMENT**
(2018)
Gökhan Kaplan, HÜSEYİN YILMAZ ARUNTAŞ, RÜYA KILIÇ DEMİRCAN, ARZUHAN BURCU GÜLTEKİN
3rd International Energy Engineering Congress, Gaziantep, 18.10.2018 – 19.10.2018, Tam metin bildirir
Tam Metin Bildiri · Uluslararası · Türkiye
29. **Determination of The Physical and Mechanical Properties of the Materials Used in The Northern City
Walls of Historical Sinop Castle** (2018)
RÜYA KILIÇ DEMİRCAN, **Gökhan Kaplan**, ALİ İHSAN ÜNAY
WMCAUS 2018, PRAG, 18.06.2018 – 22.06.2018, s. 82039, Tam metin bildirir · DOI: [10.1088/1757-899x/471/8/082039](https://doi.org/10.1088/1757-899x/471/8/082039)
Tam Metin Bildiri · Uluslararası
30. **Microwave Curing Effect on Internal Sulphate Damage in Nano Alumina Reinforced White Cement** (2018)
Gökhan Kaplan, RÜYA KILIÇ DEMİRCAN, COŞKUN ÇAKMAK, ARZUHAN BURCU GÜLTEKİN
WMCAUS 2018, PRAG, 18.06.2018 – 22.06.2018, s. 32038, Tam metin bildirir · DOI: [10.1088/1757-899x/471/3/032038](https://doi.org/10.1088/1757-899x/471/3/032038)
Tam Metin Bildiri · Uluslararası

31. **The Effects of Steam Curing Time on the Geopolymer Mortar** (2018)
HASBİ YAPRAK, Abdoslam Alnkaa, SELÇUK MEMİŞ, **Gökhan Kaplan**
ICELIS 2018, Kastamonu, 26.04.2018 – 29.06.2018, s. 224, Özet bildiri
Özet Bildiri · Uluslararası · Türkiye
32. **Determination of the Some Mechanical Properties of Alkali Activated Composites** (2018)
HASBİ YAPRAK, SELÇUK MEMİŞ, **Gökhan Kaplan**, MEHMET UĞUR YILMAZOĞLU, İFFET GAMZE MÜTEVELLİ ÖZKAN
ICELIS 2018, Kastamonu, 26.04.2018 – 29.04.2018, s. 591, Özet bildiri
Özet Bildiri · Uluslararası · Türkiye
33. **A Study on the Usage of Basalt Fibers and Pigment in Architectural Concrete Production** (2017)
MEHMET ALİ ÜSTÜNER, **Gökhan Kaplan**, ALİ UĞUR ÖZTÜRK, ERKAN DOĞAN
1. International University Industry Cooperation, RD and Innovation Congress, Manisa, 18.12.2017 – 19.12.2017,
Özet bildiri
Özet Bildiri · Uluslararası · Türkiye
34. **Tuğla Atıkları ve Taban Külünün Kırma Kum Yerine Kullanımının Araştırılması** (2017)
SELÇUK MEMİŞ, HASBİ YAPRAK, **Gökhan Kaplan**
I. Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, 07.12.2017 – 10.12.2017, Tam metin bildiri
Tam Metin Bildiri · Uluslararası
35. **TUĞLA ATIKLARI, BİMS VE TABAN KÜLÜNÜN KIRMA KUM YERİNE KULLANIMININ ARAŞTIRILMASI** (2017)
SELÇUK MEMİŞ, HASBİ YAPRAK, **Gökhan Kaplan**
1st International Turkish World Engineering and Science Congress in Antalya, December 7-10, 2017, Turkey,
Antalya, 07.12.2017 – 10.12.2017, ss. 515-524, Tam metin bildiri
Tam Metin Bildiri · Uluslararası · Türkiye
36. **Farklı Sıcaklık ve Sürelerde Kalsine edilmiş Killerin Kireç Harcına Etkisi** (2017)
SELÇUK MEMİŞ, **Gökhan Kaplan**, MEHMET UĞUR YILMAZOĞLU, HASBİ YAPRAK, İFFET GAMZE MÜTEVELLİ
6. Tarihi Yapıların Korunması ve Güçlendirilmesi Sempozyumu, Trabzon, 02.11.2017 – 04.11.2017, ss. 133-142, Tam metin bildiri
Tam Metin Bildiri · Uluslararası · Türkiye
37. **YÜKSEK FIRIN CÜRUFU VE BAZALT LİFİ TAKVİYELİ RESTORASYON HARÇLARININ SÜLFAT DAYANIKLILIĞININ İNCELENMESİ** (2017)
RÜYA KILIÇ DEMİRCAN, **Gökhan Kaplan**
ULUSLARARASI KATILIMLI 6. TARİHİ YAPILARIN KORUNMASI VE GÜÇLENDİRİLMESİ SEMPOZYUMU, Trabzon,
02.11.2017 – 04.11.2017, ss. 123-131, Tam metin bildiri
Tam Metin Bildiri · Uluslararası · Türkiye
38. **ORMAN ENDÜSTRİSİ ATIK KÜLLERİ ve YÜKSEK ORANDA SU AZALTICI KATKILARIN KENDİLİĞİNDEN YERLEŞEN HARÇLAR ÜZERİNDEKİ ETKİLERİ** (2017)
SELÇUK MEMİŞ, **Gökhan Kaplan**, MEHMET UĞUR YILMAZOĞLU, İFFET GAMZE MÜTEVELLİ, HASBİ YAPRAK
Uluslararası Yapılarda Kimyasal Katkılar 5. Sempozyumu ve Sergisi, Ankara, 19.10.2017 – 20.10.2017, ss. 491-506,
Tam metin bildiri
Tam Metin Bildiri · Uluslararası · Türkiye
39. **Akışkanlaştırıcı Özellikleri ve Çimento Sıcaklığının Harç Özelliklerine Etkileri** (2017)
Gökhan Kaplan, MEHMET UĞUR YILMAZOĞLU, SELÇUK MEMİŞ, İFFET GAMZE MÜTEVELLİ, HASBİ YAPRAK
Uluslararası Yapılarda Kimyasal Katkılar 5. Sempozyumu ve Sergisi, Ankara, 19.10.2017 – 20.10.2017, ss. 167-184,
Tam metin bildiri
Tam Metin Bildiri · Uluslararası · Türkiye

40. **Öğütme Kolaylaştırıcı ve Dayanım Arttırıcı Katkıların Kalkersi Uçucu Kül Katkılı Çimentolarda Kullanımı** (2017)
Gökhan Kaplan, ALİ UĞUR ÖZTÜRK, SADIK ALPER YILDIZEL, RÜYA KILIÇ DEMİRCAN
BETON 2017 - THBB, 13.04.2017 - 14.04.2017, Özet bildiri
Özet Bildiri · Ulusal · Türkiye
41. **A Study On The Use Of Advanced Nondestructive Testing Methods On Historic Structures** (2017)
RUKİYE TUĞLA, RÜYA KILIÇ DEMİRCAN, Gökhan Kaplan
3rd INTERNATIONAL SUSTAINABLE BUILDINGS SYMPOSIUM, Dubai, 15.03.2017 - 17.03.2017, ss. 536-549, Tam
metin bildiri · DOI: [10.1007/978-3-319-64349-6](https://doi.org/10.1007/978-3-319-64349-6)
Tam Metin Bildiri · Uluslararası · Birleşik Arap Emirlikleri
42. **BEHAVIORS OF MORTAR SAMPLES WITH WASTE BRICK AND CERAMIC UNDER FREEZE-THAW EFFECT** (2017)
SELÇUK MEMİŞ, İFFET GAMZE MÜTEVELLİ, MEHMET UĞUR YILMAZOĞLU, Gökhan Kaplan, HASBİ YAPRAK
3rd International Sustainable Buildings Symposium (ISBS 2017), 15-17 March 2017, Dubai, Dubai, 15.03.2017 -
17.03.2017, ss. 189-205, Tam metin bildiri
Tam Metin Bildiri · Uluslararası · Birleşik Arap Emirlikleri
43. **DETERMINATION OF READY MIXED CONCRETE CONSISTENCY IMAGE PROCESSING METHOD** (2016)
YİĞİT KARABULUT, SADIK ALPER YILDIZEL, Gökhan Kaplan
International Symposium on Multidisciplinary Studies (ISMS), 20.10.2016 - 23.10.2016, Özet bildiri
Özet Bildiri · Uluslararası
44. **Presentation title Investigation Of Thermo Mecanical Properties At Plaster Inculuded Waste Ceramics
And Bricks** (2016)
SELÇUK MEMİŞ, Gökhan Kaplan, HASBİ YAPRAK, MEHMET UĞUR YILMAZOĞLU, İFFET GAMZE MÜTEVELLİ
The 8th Multidisciplinary Academic Conference, 14.10.2016 - 15.10.2016, Özet bildiri
Özet Bildiri · Uluslararası
45. **Analysis of Restoration Mortars Used For Strengthening of Historical Buildings in the Context of
Sustainability Criteria** (2016)
RÜYA KILIÇ DEMİRCAN, Gökhan Kaplan, ARZUHAN BURCU GÜLTEKİN
International Conference on Sustainable Built Environment, 13.10.2016 - 15.10.2016, Tam metin bildiri
Tam Metin Bildiri · Uluslararası
46. **Biyopolimer Katkılı Çimentoların Donma Çözülme Etkisi Altındaki Davranışının İncelenmesi** (2015)
Moraloğlu Ortaç, ALİ UĞUR ÖZTÜRK, Gökhan Kaplan, SADIK ALPER YILDIZEL
II. Uluslararası Sürdürülebilir Yapılar Sempozyumu, 28.05.2015 - 30.05.2015, Tam metin bildiri
Tam Metin Bildiri · Uluslararası
47. **Alkalilerle Aktive Edilmiş Taban Külü ve Yüksek Fırın Cürufu Esaslı Harçların Mekanik Özellikleri** (2015)
HASBİ YAPRAK, Gökhan Kaplan, İLHAMİ DEMİR
II. Uluslararası Sürdürülebilir Yapılar Sempozyumu, 28.05.2015 - 30.05.2015, Tam metin bildiri
Tam Metin Bildiri · Uluslararası
48. **Farklı Viskozite Değerlerine Sahip Püskürtme Beton Karışımlarının Geri Sıçrama Optimizasyonunun
Abaqus CAE Programıyla İncelenmesi** (2015)
SADIK ALPER YILDIZEL, MUHAMMET ENSAR YİĞİT, ALİ UĞUR ÖZTÜRK, Gökhan Kaplan
9. Ulusal Beton Kongresi, 16.04.2015 - 18.04.2015, Tam metin bildiri
Tam Metin Bildiri · Ulusal · Türkiye

49. **Effect of Silica Fume and Fly Ash on the Strength Development of Boron Active Belite Cement** (2012)
HACI SÜLEYMAN GÖKÇE, Osman Şimşek, ÖZGE ANDİÇ ÇAKIR, **Gökhan Kaplan**
10th International Congress on Advances in Civil Engineering, Ankara, 17.09.2012, Tam metin bildiri
Tam Metin Bildiri · Uluslararası · Türkiye
50. **Yapı Sektöründe Uçucu Kül Kullanımının Çevresel ve Toplumsal Etkileri Açısından İncelenmesi** (2010)
Gökhan Kaplan, ARZUHAN BURCU GÜLTEKİN
Uluslararası Sürdürülebilir Yapılar Sempozyumu, 26.05.2010, Tam metin bildiri
Poster · Uluslararası

Kitaplar

1. **Sürdürülebilir Yapı Malzemeleri ve Uygulamaları-1** (2021)
Sadık Alper Yıldız, Gökhan Çalış, **Gökhan Kaplan**
Gece Kitaplığı, Gece Kitaplığı, Ankara, 1. baskı, 106 sayfa
Kitap · Uluslararası
2. **Araştırma ve Geliştirme Projelerinde Proje Yönetimi Uygulamaları** (2017)
SADIK ALPER YILDIZEL, YUSUF ARSLAN, **Gökhan Kaplan**
Kutlu Yayınevi, Kutlu Yayınevi, 1. baskı
Kitap · Ulusal

Diğer Yayınlar

1. **ARDAHAN ÇILDIR ESKİ TSM BİNASI ve LOJMANLARI YAPISAL DEĞERLENDİRME RAPORU** (2025)
Oğuzhan Uğurlu, Atakan Yıldırım, Oğuzhan Çelebi, **Gökhan Kaplan**, Mahmut Kılıç, Habib Uysal, Abdulkadir Cüneyt Aydın
Teknik Rapor · Ulusal · Türkiye

Bilimsel & Mesleki Faaliyetler

Bilimsel Yayınlarda Hakemlik

1. **Bilimsel Yayınlarda Hakemlik** (2025)
Gökhan Kaplan
Hakemli Bilimsel Dergi · Uluslararası · CASE STUDIES IN CONSTRUCTION MATERIALS
2. **Bilimsel Yayınlarda Hakemlik** (2025)
Gökhan Kaplan
Hakemli Bilimsel Dergi · Uluslararası · CASE STUDIES IN CONSTRUCTION MATERIALS
3. **Bilimsel Yayınlarda Hakemlik** (2025)
Gökhan Kaplan
Hakemli Bilimsel Dergi · Uluslararası · CASE STUDIES IN CONSTRUCTION MATERIALS
4. **Bilimsel Yayınlarda Hakemlik** (2025)
Gökhan Kaplan
Hakemli Bilimsel Dergi · Uluslararası · CASE STUDIES IN CONSTRUCTION MATERIALS
5. **Bilimsel Yayınlarda Hakemlik** (2025)
Gökhan Kaplan
Hakemli Bilimsel Dergi · Uluslararası · CASE STUDIES IN CONSTRUCTION MATERIALS

6. Bilimsel Yayınlarda Hakemlik (2025)

Gökhan Kaplan

Hakemli Bilimsel Dergi · Uluslararası · CASE STUDIES IN CONSTRUCTION MATERIALS

Etkinlik Organizasyonlarındaki Görevler

1. Geopolymeric Composites Congress (2021)

Gökhan Kaplan

Etkinlik Organizasyonundaki Görev · Uluslararası · Düzenleme Kurulu Üyesi · Erzurum · Türkiye

2. International Congress on the Phenomenological Aspect of Civil Engineering (2021)

Gökhan Kaplan

Etkinlik Organizasyonundaki Görev · Uluslararası · Düzenleme Kurulu Üyesi · Erzurum · Türkiye