

## Assoc. Prof. KADİR KARAMAN

### Personal Information

**Office Phone:** [+90 462 377 4264](tel:+904623774264) Extension: 4264

**Email:** [kadirkaraman@ktu.edu.tr](mailto:kadirkaraman@ktu.edu.tr)

**Web:** <https://avesis.ktu.edu.tr/kadirkaraman>

### International Researcher IDs

ORCID: 0000-0002-3831-4465

Yoksis Researcher ID: 152047

### Education

Doctorate, Karadeniz Technical University, Mühendislik/Fen Bilimleri, Maden Mühendisliği, Turkey 2011 - 2015

Postgraduate, Karadeniz Technical University, Mühendislik/Fen Bilimleri, Maden Mühendisliği, Turkey 2008 - 2011

Undergraduate, Karadeniz Technical University, Mühendislik/Fen Bilimleri, Jeoloji Müh., Turkey 2004 - 2008

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Geological Engineering, Applied Geology, Engineering Geology foundations, earthquakes, dams, reservoirs, Mining Engineering and Technology, Mining Operations, Rock Mechanics, Engineering and Technology

### Academic Positions

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2021 - Continues

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2018 - 2021

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2016 - 2018

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2009 - 2015

### Academic and Administrative Experience

Deputy Director of the Center, Karadeniz Technical University, 2020 - 2022

### Supervised Theses

Karaman K., TTK KOZLU VE ÜZÜLMEZ MÜESSESELERİNDEKİ KÖMÜR VE YAN KAYACIN JEOMEKANİK ÖZELLİKLERİNİN İNCELENMESİ, Postgraduate, Y.İSKENDER(Student), 2024

Karaman K., Thesis, Postgraduate, O.Youssouf(Student), 2022

Karaman K., Thesis, Postgraduate, S.Erten(Student), 2020

## Jury Memberships

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, February, 2020

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, June, 2019

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, April, 2019

Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, March, 2019

## Journal articles indexed in SCI, SSCI, and AHCI

- I. **The use of conversion factor and strength ratio in the estimating of basaltic rocks strength and investigation of their changes with the concrete curing time**  
Karaman K., Tahir O. Y. M.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY - TRANSACTIONS OF CIVIL ENGINEERING, no.x, pp.1-15, 2024 (SCI-Expanded)
- II. **The Relationship Between Thermal Conductivity and Engineering Properties of Basalts with Increasing Serpentinization Degree**  
TİMURKAYNAK E., KOLAYLI H., KARAMAN K., Cakir Y.  
MINING METALLURGY & EXPLORATION, vol.41, no.5, pp.2375-2389, 2024 (SCI-Expanded)
- III. **Effects of Olivine Alteration on Micro-Internal Structure and Geomechanical Properties of Basalts and Strength Prediction in These Rocks**  
KARAMAN K., KOLAYLI H.  
SUSTAINABILITY, vol.16, no.13, 2024 (SCI-Expanded)
- IV. **The effect of in-situ stress parameters and metamorphism on the geomechanical and mineralogical behavior of tunnel rocks**  
KARAMAN K.  
GEOMECHANICS AND ENGINEERING, vol.37, no.3, pp.213-222, 2024 (SCI-Expanded)
- V. **Evaluation of different surface characteristics and mineral grain size in the estimation of rock strength using the Schmidt hammer**  
Karaman K.  
JOURNAL OF THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY, no.4, pp.173-184, 2024 (SCI-Expanded)
- VI. **Effect of rock mineralogy on mortar expansion**  
KARAMAN K., Bakhytzhan A.  
GEOMECHANICS AND ENGINEERING, vol.20, no.3, pp.233-241, 2020 (SCI-Expanded)
- VII. **Prediction of concrete strength from rock properties at the preliminary design stage**  
KARAMAN K., Bakhytzhan A.  
GEOMECHANICS AND ENGINEERING, vol.23, no.2, pp.115-125, 2020 (SCI-Expanded)
- VIII. **Geotechnical investigations and remediation design for failure of tunnel portal section: a case study in northern Turkey**  
Kaya A., KARAMAN K., BULUT F.  
JOURNAL OF MOUNTAIN SCIENCE, vol.14, no.6, pp.1140-1160, 2017 (SCI-Expanded)
- IX. **Core size effect on the dry and saturated ultrasonic pulse velocity of limestone samples**  
ERÇIKDI B., KARAMAN K., CİHANÇİ F., YILMAZ T., ALIYAZICIOĞLU S., KESİMAL A.  
ULTRASONICS, vol.72, pp.143-149, 2016 (SCI-Expanded)
- X. **Understanding the mechanism of slope failure on a nearby highway tunnel route by different slope stability analysis methods: a case from NE Turkey**  
Kaya A., AKGÜN A., KARAMAN K., BULUT F.

- BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.75, no.3, pp.945-958, 2016 (SCI-Expanded)
- XI. **Utilizing the strength conversion factor in the estimation of uniaxial compressive strength from the point load index**  
Kaya A., KARAMAN K.  
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.75, no.1, pp.341-357, 2016 (SCI-Expanded)
- XII. **Effect of the specimen length on ultrasonic P-wave velocity in some volcanic rocks and limestones**  
KARAMAN K., Kaya A., KESİMAL A.  
JOURNAL OF AFRICAN EARTH SCIENCES, vol.112, pp.142-149, 2015 (SCI-Expanded)
- XIII. **Correlation of Schmidt Rebound Hardness with Uniaxial Compressive Strength and P-Wave Velocity of Rock Materials**  
KARAMAN K., KESİMAL A.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.40, no.7, pp.1897-1906, 2015 (SCI-Expanded)
- XIV. **Use of the point load index in estimation of the strength rating for the RMR system**  
KARAMAN K., KAYA A., KESİMAL A.  
JOURNAL OF AFRICAN EARTH SCIENCES, vol.106, pp.40-49, 2015 (SCI-Expanded)
- XV. **A comparative study of Schmidt hammer test methods for estimating the uniaxial compressive strength of rocks**  
KARAMAN K., KESİMAL A.  
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.74, no.2, pp.507-520, 2015 (SCI-Expanded)
- XVI. **A comparative assessment of indirect methods for estimating the uniaxial compressive and tensile strength of rocks**  
KARAMAN K., KESİMAL A., ERSOY H.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.8, no.4, pp.2393-2403, 2015 (SCI-Expanded)
- XVII. **Utilization of the Brazilian test for estimating the uniaxial compressive strength and shear strength parameters**  
KARAMAN K., CİHANGİR F., ERÇIKDI B., KESİMAL A., DEMİREL S.  
JOURNAL OF THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY, vol.115, no.3, pp.185-192, 2015 (SCI-Expanded)
- XVIII. **Evaluation of the influence of porosity on the engineering properties of volcanic rocks from the Eastern Black Sea Region: NE Turkey**  
KARAMAN K., KESİMAL A.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.8, no.1, pp.557-564, 2015 (SCI-Expanded)
- XIX. **Assessment of strength properties of cemented paste backfill by ultrasonic pulse velocity test**  
YILMAZ T., ERÇIKDI B., KARAMAN K., Kulekci G.  
ULTRASONICS, vol.54, no.5, pp.1386-1394, 2014 (SCI-Expanded)
- XX. **The assessment of slope stability and rock excavatability in a limestone quarry**  
Karaman K., Erçikdi B., Kesimal A.  
EARTH SCIENCES RESEARCH JOURNAL, vol.17, no.2, pp.169-181, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Agrega Darbe Dayanım İndeksi ile Kaya ve Betonun Jeomekanik Özellikleri Arasındaki Korelasyon İlişkilerinin Araştırılması**  
Karaman K.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.13, no.1, pp.28-36, 2025 (Peer-Reviewed Journal)
- II. **The effect of olivine serpentinization on uniaxial compressive strength and apparent porosity in basalts**  
Karaman K., Kolaylı H., Çakır Y., Timurkaynak E.  
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.14, no.1, pp.197-207, 2024 (Peer-Reviewed Journal)
- III. **BAZALTLARDA ISIL İLETKENLİK VE ISI DEPOLAMADA OLİVİNİN SERPANTİNLEŞMESİNİN ETKİSİ**

- Timurkaynak E., Karaman K., Kolaylı H.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.11, no.4, pp.1486-1495, 2023 (Peer-Reviewed Journal)
- IV. **QUANTITATIVE EVALUATION of the FACTORS AFFECTING the SCHMİDT REBOUND NUMBER**  
KARAMAN K.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.11, no.2, pp.708-718, 2023 (Peer-Reviewed Journal)
- V. **Determination of changes of physical properties of rocks based on the wetting and drying**  
ÇAKIR A. O., KARAMAN K., YILMAZ A. O.  
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.24, no.2, pp.770-778, 2022 (Peer-Reviewed Journal)
- VI. **Dönüşüm faktörünü kullanarak nokta yükü dayanım indeksinden bazaltların tek eksenli basınç dayanımının tahmini**  
Youssof Mahamat Tahir O., Karaman K.  
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.11, no.4, pp.1-9, 2021 (Peer-Reviewed Journal)
- VII. **EFFECT OF ROCK SURFACE ROUGHNESS ON SCHMIDT HARDNESS MEASUREMENTS**  
KARAMAN K.  
Bilimsel Madencilik Dergisi, vol.59, no.1, pp.15-24, 2020 (Scopus)
- VIII. **A Comparative Analysis of Slope Height Using Simple Methods**  
KARAMAN K.  
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.4, pp.600-609, 2019 (Peer-Reviewed Journal)
- IX. **Investigation of the Relationships between Compressive Strength and Some Physical Parameters of Pyrite Containing Rocks**  
KARAMAN K., ALP İ., KESİMAL A., YILMAZ A. O.  
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.19, no.1, pp.248-255, 2019 (Peer-Reviewed Journal)
- X. **A Comparative Analysis of Slope Height Using Simple Methods**  
KARAMAN K.  
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.9, no.4, pp.600-609, 2019 (Peer-Reviewed Journal)
- XI. **İLERİ MİKROSKOPİ YÖNTEMLERİ İLE PARLAK KESİT ANALİZLERİ**  
KARAMAN K., ŞAHİNOĞLU E., ALP İ., KESİMAL A., YILMAZ A. O.  
Nature Sciences, vol.12, no.4, pp.1-8, 2017 (Peer-Reviewed Journal)
- XII. **Three Dimensional Modelling of Rock Quality Designation (RQD) in a Limestone Quarry (Trabzon, Turkey)**  
Aliyazıcıoğlu Ş., KARAMAN K., CİHANGİR F., ERÇIKDI B., KESİMAL A.  
Electronic Journal of Vocational Colleges, pp.52-58, 2016 (Peer-Reviewed Journal)
- XIII. **Effect of Tunnel Blasting Operation on the Surface Penstock Pipe**  
Yılmaz T., Karaman K., Cihangir F., Erçıkdi B., Kesimal A.  
Earth and Environmental Science, vol.44, pp.1-8, 2016 (Peer-Reviewed Journal)
- XIV. **A comparative assessment of rock mass deformation modulus**  
Karaman K., Cihangir F., Kesimal A.  
INTERNATIONAL JOURNAL OF MINING SCIENCE AND TECHNOLOGY, vol.25, no.5, pp.735-740, 2015 (ESCI)
- XV. **Bir Kireçtaşı Ocağında Şev Stabilitesi Durum Çalışmalarının Değerlendirilmesi**  
Karaman K., Aliyazıcıoğlu Ş., Kesimal A.  
Avrupa Bilim ve Teknoloji Dergisi, vol.2, no.4, pp.136-140, 2015 (Peer-Reviewed Journal)
- XVI. **Kaya kütlesi deformasyon modülünün farklı yöntemlerle belirlenmesi**  
Karaman K., Cihangir F., Kesimal A.  
YERBİLİMLERİ = EARTH SCIENCES, vol.35, no.3, pp.253-270, 2014 (Scopus)
- XVII. **Kaya malzemesinin kohezyon ve içsel sürtünme açısının dolaylı yöntemlerle irdelenmesi**  
KARAMAN K., Cihangir F., Kesimal A.  
Mehmet Akif Ersoy Üniversitesi, Fen Bilimleri Enstitüsü Dergisi, vol.4, no.2, pp.13-19, 2013 (Peer-Reviewed Journal)
- XVIII. **Kayaçların Tek Eksenli Basınç Dayanımı ile Ultrasonik Dalga Hızı Arasındaki İlişkinin Değerlendirilmesi**

- Karaman K., Kesimal A.  
MT Bilimsel Dergisi, no.4, pp.9-17, 2013 (Peer-Reviewed Journal)
- XIX. **Kaya Şev Duraylılığının Farklı Yöntemlerle Değerlendirilmesi (Ünye, Ordu)**  
Karaman K.  
JEOLOJİ MUHENDİSLİĞİ DERGİSİ, vol.37, no.1, pp.27-47, 2013 (Scopus)
- XX. **Kayaçların tek eksenli basınç dayanımı tahmininde nokta yükü deney yöntemleri ve porozitenin değerlendirilmesi**  
Karaman K., Kesimal A.  
MADENCİLİK MADEN MUHENDİSLERİ ODASI DERGİSİ, vol.51, no.4, pp.3-14, 2012 (Peer-Reviewed Journal)
- XXI. **Kireçtaşlarının ağırlıkça su emme yüzdelere göre bir ayrışma sınıflaması**  
KARAMAN K., Cihangir F., Erçikdi B., Kesimal A.  
İstanbul Yerbilimleri Dergisi, vol.24, no.2, pp.119-128, 2011 (Peer-Reviewed Journal)
- XXII. **Killi Karbonatlı Kayaçlarda numune Uzunluğunun Ultrasonik P dalga Hızı Üzerindeki Etkisi**  
Karaman K., Cihangir F., Erçikdi B., Kesimal A.  
Madencilik Dergisi, vol.49, no.4, pp.37-45, 2010 (Peer-Reviewed Journal)

## Books

- I. **Şev Duraylılığı**  
ALİYAZICIOĞLU Ş., KESİMAL A., KARAMAN K., ERÇIKDI B., CİHANGİR F.  
in: Temel Madencilik Bilgileri, Aksoy C.O, Kömürlü E, Yaman H.E, Editor, Mayeb Ltd, Ankara, pp.950-1029, 2017
- II. **Excavatability Assessment of Rock Masses for Geotechnical Studies**  
KESİMAL A., KARAMAN K., CİHANGİR F., ERÇIKDI B.  
in: Handbook of Research on Trends and Digital Advances in Engineering Geology, , Editor, Engineering Science Reference Press, 2017

## Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Ultrasonik Dalgaların Kömür Taneleri Üzerindeki Etkileri: Kavite Etkisi**  
Şahinoğlu E., Karaman K.  
Türkiye 23. Uluslararası Kömür Kongresi ve Sergisi Bildiriler Kitabı, Zonguldak, Zonguldak, Turkey, 12 - 13 September 2024, pp.337-347, (Full Text)
- II. **Kömür Dayanımının Tahmininde Dönüşüm Faktörü ve Dayanım Oranının Kullanımının Araştırılması**  
Karaman K., Şahinoğlu E., İskender Y.  
Türkiye 23. Uluslararası Kömür Kongresi ve Sergisi Bildiriler Kitabı, Zonguldak, Zonguldak, Turkey, 12 - 13 September 2024, pp.199-209, (Full Text)
- III. **FACTORS AFFECTING THE RELATIONSHIP BETWEEN STRENGTH AND ENGINEERING PROPERTIES OF ROCKS**  
Karaman K.  
2. BİLSEL INTERNATIONAL AHLAT SCIENTIFIC RESEARCHES CONGRESS, Bitlis, Turkey, 9 - 10 December 2023, pp.282-288, (Full Text)
- IV. **OLİVİN SERPANTİNLEŞMESİNİN BAZALTLARIN MÜHENDİSLİK ÖZELLİKLERİNE ETKİSİ**  
Karaman K., Kolaylı H., Timurkaynak E.  
2. BİLSEL INTERNATIONAL SUMELA SCIENTIFIC RESEARCHES CONGRESS, Trabzon, Turkey, 10 - 11 November 2023, pp.222-228, (Full Text)
- V. **Semi-Mechanized Support System and Its Application in TTK Uzulmez Institution**  
İskender Y., Karaman K., Muslu A., Konak M.  
5. Uluslararası Yeraltı Kazıları Sempozyumu ve Sergisi, İstanbul, Turkey, 5 - 07 June 2023, pp.397-402, (Full Text)
- VI. **EVALUATION OF FACTORS AFFECTING SCHMIDT HAMMER REBOUND NUMBER**

Karaman K.

4. International Anatolian Scientific Research Congress, Kars, Turkey, 17 - 20 February 2023, pp.527-533, (Full Text)

**VII. PRODUCTION METHODS AND SELECTION PARAMETERS IN THE EVALUATION OF UNDERGROUND COAL RESERVES**

Karaman K., İskender Y.

5. HAGIA SOPHIA INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY SCIENTIFIC STUDIES, İstanbul, Turkey, 17 - 18 October 2022, pp.571-580, (Full Text)

**VIII. Estimating the Uniaxial Compressive Strength of Rocks from Concrete**

KARAMAN K., ÖZTEMİR M. H., AKAN E., GÜLTEKİN E., BAKHYTZHAN A., AVCI E.

ICOCEM, 4. International Conference on Civil and Environmental Geology and Mining Engineering, 20 - 22 April 2019, (Full Text)

**IX. Effect Of Surface Roughness, Weathering And Testing Methods On Schmidt Hardness Measurements**

KARAMAN K.

International Conference on Civil Environmental, Geology and Mining Engineering (ICOCEM, Trabzon, Turkey, 20 - 22 April 2019, (Full Text)

**X. Ordu-Mesudiye-Koyulhisar devlet yolu Topçam T1 tüneline yapılan patlatmaların Topçam HES projesi cebri borusuna etkisinin araştırılması**

CİHANGİR F., ERÇIKDI B., KARAMAN K., YILMAZ T., KESİMAL A.

KAYAMEK'2018-12. Bölgesel Kaya Mekaniği Sempozyumu, Trabzon, Turkey, 3 - 05 October 2018, pp.360-365, (Full Text)

**XI. Farklı yöntemlerle kayaç yoğunluğunun değerlendirilmesi**

ÇAKIR A. O., KARAMAN K., YILMAZ A. O.

KAYAMEK'2018-12. Bölgesel Kaya Mekaniği Sempozyumu, Trabzon, Turkey, 3 - 05 October 2018, pp.370-375, (Full Text)

**XII. Basit Yöntemlerle Şev Yüksekliğinin Pratik Yoldan Tahmini**

KARAMAN K., ERTEEN S.

ULUSLARARASI MADENCİLİK VE ÇEVRE SEMPOZYUMU, Muğla, Turkey, 27 - 29 September 2017, pp.459-468, (Full Text)

**XIII. İleri Mikroskopi Yöntemleri ile Parlak Kesit Analizleri**

KARAMAN K., ŞAHİNOĞLU E., ALP İ., KESİMAL A., YILMAZ A. O.

2 nd International Science Symposium Science Festival ISS2017, Tiflis, Georgia, 5 - 08 September 2017, pp.53, (Summary Text)

**XIV. The effect of temperature on strength and ultrasonic wave properties of weak carbonte rocks**

TURAN N., AKGÜN A., KARAMAN K., DÜZGÜN Ş. H.

International Black Sea Mining and Tunneling Symposium, Trabzon, Turkey, 2 - 04 November 2016, pp.200-203, (Full Text)

**XV. Investigation of the relationship between depth and rock mass properties**

KARAMAN K., ALİYAZICIOĞLU Ş., KESİMAL A., CİHANGİR F., ERÇIKDI B.

International Black Sea Mining and Tunneling Symposium, Trabzon, Turkey, 2 - 04 November 2016, pp.61-65, (Full Text)

**XVI. Kaya Kütle Sınıflama Sistemlerinde UCS Parametresinin Rolü**

KARAMAN K., KESİMAL A., ERÇIKDI B., CİHANGİR F., ALİYAZICIOĞLU Ş.

International Multidisciplinary Congress of Eurasia, Odessa, Ukraine, 11 - 13 July 2016, (Full Text)

**XVII. Zayıf Kayaçlarda RMR Sistemi için Önerilen Dayanım Puanının Belirlenmesi**

KARAMAN K.

International Multidisciplinary Congress of Euroasia, Odessa, Ukraine, 11 - 13 July 2016, pp.1-9, (Full Text)

**XVIII. Three Dimensional Modeling of Rock Quality Designation (RQD) in a Limestone Quarry (Trabzon, Turkey)**

ALİYAZICIOĞLU Ş., KARAMAN K., CİHANGİR F., ERÇIKDI B., KESİMAL A.

International Multidisciplinary Congress of Euroasia, Odessa, Ukraine, 11 - 13 July 2016, pp.10-17, (Full Text)

- XIX. **Bir Kireçtaşı Ocağındaki Kayaçların Kazılabilirlik Özelliklerinin Araştırılması**  
Aliyazıcıoğlu Ş., Karaman K., Cihangir F., Erçıkıdı B., Kesimal A.  
International Multidisciplinary Congress of Euroasia, Odessa, Ukraine, 11 - 13 July 2016, pp.18-23, (Full Text)
- XX. **Sondaj ve Kimyasal Analiz Verileri Kullanılarak Bir Kireçtaşı Ocağının 3-Boyutlu Cevher Modellemesi**  
Aliyazıcıoğlu Ş., Karaman K., CİHANGİR F., Erçıkıdı B., KESİMAL A.  
MÜHJEO'2015: Ulusal Mühendislik Jeolojisi Sempozyumu, Trabzon, Turkey, 3 - 05 September 2015, pp.351-356, (Full Text)
- XXI. **Schmidt çekici sertliği ile P dalga hızı ve tek eksenli basınç dayanımı arasındaki ilişkilerin araştırılması**  
KARAMAN K., Kesimal A.  
XI. Bölgesel Kaya Mekanığı Sempozyumu, Afyon, Turkey, 7 - 09 May 2014, vol.11, pp.83-88, (Full Text)
- XXII. **Dolaylı yöntemlerle belirlenen kaya malzemesine ait tek eksenli basınç dayanımı parametresinin RMR89 puanı hesaplamalarında kullanılabilirliği**  
KARAMAN K., Kesimal A., Kaya A., Demirel S.  
3. Uluslararası Ulaşında Yeraltı Kazıları Sempozyumu, İstanbul, Turkey, 29 - 30 November 2013, vol.3, pp.361-368, (Full Text)
- XXIII. **Kayaçların tek eksenli basınç dayanımı tahmininde Schmidt Çekici sertlik tayini değerlendirme yöntemlerinin incelenmesi**  
KARAMAN K., Erçıkıdı B., Cihangir F., Kesimal A.  
22. Dünya Madencilik Kongresi, Ankara, Turkey, 11 - 13 May 2011, vol.22, pp.87-94, (Full Text)

## Other Publications

- I. **Disiplinlerarası Çalışmanın Önemi: Jeoloji ve Maden Mühendisliği, NEFESLİK DERGİSİ**  
KARAMAN K.  
Other, pp.89-90, 2015

## Funded Projects

- AKGÜN A., KARSLI F., GÜLTEKİN F., KARSLI H., İKİZLER S. B., ANGIN Z., KARAMAN K., Görüm T., Project Supported by Other Official Institutions, iklim Değişikliğine Uyum Kapsamında "Samsun, Ordu, Giresun, Trabzon, Rize ve Artvin il ve ilçelerindeki" Sel ve Taşkın Alanlarına Etki Eden Bölgelerdeki Yapılaşma Risklerinin Tespiti ve Analizi işi, 2020 - Continues  
Karaman K., Saçaklı M., TUBITAK Project, Farklı Oranlarda Ayrışma Gösteren Bazalt Agregalarının Betonun Fiziko-Mekanik Özelliklerine Etkileri, 2025 - 2026  
Karaman K., Elbir M. E., TUBITAK Project, Zayıf ve Kırıntılı Örnek İçeren Kayaçların Basınç Ve Çekme Dayanımını Agregada Darbe Dayanım İndeksinden Tahmin Etmek, 2025 - 2026  
Karaman K., Kolaylı H., İskender Y., Şahinoğlu E., TUBITAK Project, Pirit Ve Kil Mineralleri İçeren Altere Dasitlerde Tek Eksenli Basınç Dayanımı Altında Yenilme Türlerinin Çok Yönlü Araştırılması, 2025 - 2025  
Karaman K., Şahinoğlu E., Kaya S., Kolaylı H., Project Supported by Higher Education Institutions, Aynı formasyona ait komşu kaya kütlelerinde gözlenen yapısal, mineralojik ve jeomekanik özelliklerdeki değişimlerin çok yönlü olarak araştırılması, 2024 - 2025  
KARAMAN K., ÇAKIR A. O., Project Supported by Higher Education Institutions, Yerde Yoğunluk Ölçer, 2018 - 2020  
KARAMAN K., BAKHYTZHAN A., Project Supported by Higher Education Institutions, Agregada özelliklerinin betonda alkali silika reaksiyonu üzerindeki etkisinin araştırılması, 2018 - 2019  
ERSOY H., KIRMACI M. Z., FIRAT ERSOY A., BABACAN A. E., KARAMAN K., SÜNNETÇİ M. O., KARAHAN M., KUL YAHŞİ B., Project Supported by Higher Education Institutions, Jeoloji Mühendisliği Bölümü Uygulamalı Jeoloji Laboratuvarı Alt Yapı Projesi, 2017 - 2019  
KARAMAN K., Project Supported by Higher Education Institutions, Şev yüksekliğinin emniyetli bir şekilde belirlenmesinde kullanılacak aletin araştırılması, 2016 - 2017

KESİMAL A., ALP İ., ARSLAN M., ŞEN C., KARAMAN K., YILMAZ A. O., Project Supported by Higher Education Institutions, MİNERALOJİK ÖZELLİKLERİN VE MİKROÇATLAK YAPILARININ KAYAÇLARIN MÜHENDİSLİK PARAMETRELERİ ÜZERİNE ETKİSİ, 2015 - 2017

## Patent

Karaman K., Yerinde Yoğunluk Ölçer, Utility Model, CHAPTER G Physics, The Invention Registration Number: 201817450 , Standard Registration, 2024

## Peer Reviews in Scientific Publications

NONDESTRUCTIVE TESTING AND EVALUATION, Journal Indexed in SCI-E, March 2025  
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, Journal Indexed in SCI-E, March 2025  
GEOMECHANICS AND ENGINEERING, Journal Indexed in SCI-E, February 2025  
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, February 2025  
NONDESTRUCTIVE TESTING AND EVALUATION, Journal Indexed in SCI-E, January 2025  
NONDESTRUCTIVE TESTING AND EVALUATION, Journal Indexed in SCI-E, January 2025  
Mining, Metallurgy and Exploration, National Scientific Refreed Journal, December 2024  
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, December 2024  
Energy Science and Engineering, Journal Indexed in SCI-E, December 2024  
Mining, Metallurgy and Exploration, Journal Indexed in SCI-E, November 2024  
NONDESTRUCTIVE TESTING AND EVALUATION, Journal Indexed in SCI-E, November 2024  
NONDESTRUCTIVE TESTING AND EVALUATION, Journal Indexed in SCI-E, November 2024  
NONDESTRUCTIVE TESTING AND EVALUATION, Journal Indexed in SCI-E, October 2024  
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, September 2024  
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, Journal Indexed in SCI-E, September 2024  
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, August 2024  
NONDESTRUCTIVE TESTING AND EVALUATION, Journal Indexed in SCI-E, May 2024  
NONDESTRUCTIVE TESTING AND EVALUATION, Journal Indexed in SCI-E, May 2024  
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, May 2024  
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, Journal Indexed in SCI-E, March 2024  
ROCK MECHANICS AND ROCK ENGINEERING, Journal Indexed in SCI-E, March 2024  
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, Journal Indexed in SCI-E, February 2024  
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, Journal Indexed in SCI-E, February 2024  
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, Journal Indexed in SCI-E, December 2023  
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, Journal Indexed in SCI-E, November 2023  
ROCK MECHANICS AND ROCK ENGINEERING, Journal Indexed in SCI-E, October 2023  
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, Journal Indexed in SCI-E, September 2023  
Journal of Rock Mechanics and Geotechnical Engineering, Journal Indexed in SCI-E, March 2023  
GEOMECHANICS AND GEOENGINEERING, Journal Indexed in ESCI, March 2023  
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, Journal Indexed in SCI-E, October 2022  
ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, December 2021  
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, December 2021  
GEOMECHANICS AND GEOENGINEERING, Journal Indexed in ESCI, December 2021  
TRANSPORTATION GEOTECHNICS, Journal Indexed in SCI-E, December 2021  
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, Journal Indexed in SCI-E, November 2021  
ENVIRONMENTAL RESEARCH AND TECHNOLOGY, Other journals, November 2021  
PLOS ONE, Journal Indexed in SCI-E, November 2021  
TRANSPORTATION GEOTECHNICS, Journal Indexed in SCI-E, October 2021

GEOMECHANICS AND GEOENGINEERING: AN INTERNATIONAL JOURNAL, Journal Indexed in ESCI, September 2021  
The Open Construction & Building Technology Journal, Other Indexed Journal, September 2021  
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, Journal Indexed in SCI-E, September 2021  
FRONTIERS IN EARTH SCIENCE, Journal Indexed in SCI-E, September 2021  
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, Journal Indexed in SCI-E, August 2021  
JOURNAL OF ROCK MECHANICS AND GEOTECHNICAL ENGINEERING, Journal Indexed in SCI-E, March 2021  
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, SCI Journal, February 2021  
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, February 2021  
Tunnelling And Underground Space Technology, SCI Journal, September 2020  
SN Applied Sciences, Journal Indexed in ESCI, June 2020  
Tunnelling and Underground Space Technology, SCI Journal, February 2020  
Shock and Vibration, SCI Journal, February 2020  
IEEE Access, SCI Journal, January 2020  
Journal of Rock Mechanics and Geotechnical Engineering, SCI Journal, December 2019  
Plos One, SCI Journal, May 2019  
Journal of Rock Mechanics and Geotechnical Engineering, SCI Journal, September 2017  
Journal of African Earth Sciences, SCI Journal, April 2017  
Handbook of Research on Trends and Digital Advances in Engineering Geology, Scientific / Professional Book Published by Renowned Publishing Houses, November 2016  
Journal of Engineering and Technological Sciences, Other Indexed Journal, April 2016  
Geotechnical Testing Journal, SCI Journal, April 2016  
Engineering with Computers, SCI Journal, January 2016

## **Metrics**

Publication: 68  
Citation (WoS): 546  
Citation (Scopus): 619  
H-Index (WoS): 14  
H-Index (Scopus): 14

## **Congress and Symposium Activities**

2. BİLSEL INTERNATIONAL AHLAT SCIENTIFIC RESEARCHES CONGRESS, Session Moderator, Bitlis, Turkey, 2023  
4. International Anatolian Scientific Research Congress, Session Moderator, Kars, Turkey, 2023  
4. International Conference on Civil Environmental, Geology and Mining Engineering, Session Moderator, Trabzon, Turkey, 2019  
Kayamek"2018, Session Moderator, Trabzon, Turkey, 2018  
1st Conference on Historical mining Sites of Turkey, Session Moderator, Trabzon, Turkey, 2015