

Res. Asst. PhD MELEK HANIM BEŞER

Personal Information

Office Phone: [+90 462 377 4319](tel:+904623774319)

Email: mhates@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr/mhates>

Address: Karadeniz Teknik Üniversitesi Maden Mühendisliği Bölümü

International Researcher IDs

ScholarID: MAa0wLUAAAAJ

ORCID: 0000-0002-3748-4040

Publons / Web Of Science ResearcherID: AAK-2152-2021

ScopusID: 57205738644

Yoksis Researcher ID: 229160

Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2017 - 2024

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2015 - 2017

Postgraduate, Hacettepe University, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2013 - 2015

Undergraduate, Middle East Technical University, Faculty Of Engineering, Maden Mühendisliği, Turkey 2008 - 2013

Foreign Languages

German, A1 Beginner

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, DATAMINE STUDIO OP EĞİTİMİ, DATAMINE TÜRKİYE OFİSİ, 2020

Dissertations

Doctorate, INVESTIGATION OF THE DEFORMATION PROPERTIES OF ROCKS UNDER CYCLIC LOADS, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2024

Postgraduate, TEKRARLI YÜKLEMENİN TEFRİT KAYACININ DAYANIMI ÜZERİNDEKİ ETKİSİ, Karadeniz Technical University, Maden İşletme, Maden Mühendisliği, 2017

Research Areas

Mining Engineering and Technology, Mining Operations, Rock Mechanics, Engineering and Technology

Academic Titles / Tasks

Articles Published in Other Journals

- I. **Tekrarlı yüklerin kayaçların deformasyon özelliklerine etkisi**
Beşer M. H., Aydın K.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.14, no.4, pp.1304-1314, 2024 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Stress Level on the Compressive Strength of the Rock Samples Subjected to Cyclic Loading**
BEŞER M. H., AYDINER K.
3rd World Multidisciplinary Earth Sciences Symposium, WMESS 2018, Prague, Czech Republic, 3 - 07 September 2018, vol.221
- II. **The Effect of Loading Cycles on The Uniaxial Compressive Strength of The Rock Under Cyclic Loading**
BEŞER M. H., AYDINER K.
KAYAMEK'2018 12. BÖLGESEL KAYA MEKANİĞİ SEMPOZYUMU, Trabzon, Turkey, 3 - 05 October 2018, pp.59-61
- III. **A Review of Environmental Hazards of Mining Waste in the Worldwide**
BEŞER M. H., ATEŞ E.
2nd International Energy and Engineering Conference, Gaziantep, Turkey, 12 - 13 October 2017, pp.824-827
- IV. **MINERAL CARBONATION FOR CARBONDIOXIDE SEQUESTRATION**
BEŞER M. H., İNAL S., AYDINER K.
INVENT 2017-International Conference on Viable Energy Trends, Helsinki, Finland, 28 - 30 April 2017, pp.225-231
- V. **The Effect of Frequency on the Failure Load of the rock Samples Subjected to Cyclic Loading**
BEŞER M. H., AYDINER K.
International Black Sea Mining and Tunneling 2016 Symposium, Trabzon, Turkey, 2 - 04 November 2016

Supported Projects

- AYDINER K., İNAL S., BEŞER M. H., ROUDINI A., YAŞAR S., Project Supported by Higher Education Institutions, Kazı Makinelerinin Performans Değerlendirmesi için Laboratuvar Ölçekli Bir Kesici Kafanın Geliştirilmesi, 2020 - 2024
- AYDINER K., FIRAT ERSOY A., BABACAN A. E., İNAL S., YAŞAR S., BEŞER M. H., Project Supported by Higher Education Institutions, Düşük Genlik Düşük Frekans Tekrarlı Yüklemealarının Kaya Deformasyonuna Etkisinin Araştırılması, 2019 - 2022
- Beşer M. H., Aydın K., Project Supported by Higher Education Institutions, TEKRARLI YÜKLER ALTINDA YENİLEN KAYAÇLARIN DEFORMASYON ÖZELLİKLERİNİN İNCELENMESİ, 2020 - 2021
- AYDINER K., BEŞER M. H., Project Supported by Higher Education Institutions, Tekrarlı Yükleme Tefrit Kayacının Dayanımı Üzerindeki Etkisi, 2016 - 2017
- AYDINER K., İNAL S., BEŞER M. H., Project Supported by Higher Education Institutions, Tekrarlı Yükleme Koşullarında Doygun Kayaçların Deformasyon Davranışlarının İncelenmesi, 2016 - 2017

Scientific Refereeing

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, March 2023

Tasks In Event Organizations

Beşer M. H., Yaşar Ö., Maden Mühendisliği Sempozyumu, Scientific Congress, Trabzon, Turkey, Mart 2019

Yaşar Ö., BEŞER M. H., International Black Sea Mining and Tunnelling Symposium, Scientific Congress, Trabzon, Turkey, Kasım 2016

Scientific Research / Working Group Memberships

23109 Cost Action-Fatigue Benchmark Repository (Faber), Karadeniz Technical University, Turkey,

<https://www.cost.eu/actions/CA23109/>, 2024 - Continues

20139 Cost Action-Holistic Design Of Tall Timber Buildings (Helen), Karadeniz Technical University, Turkey,

<https://www.cost.eu/actions/CA20139/>, 2023 - 2025

Metrics

Publication: 6

Citation (Scopus): 1

H-Index (Scopus): 1

Congress and Symposium Activities

KAYAMEK'2018: 12.Bölgesel Kaya Mekaniği Sempozyumu, Attendee, Trabzon, Turkey, 2018

2nd International Energy and Engineering Conference 2017, Attendee, Gaziantep, Turkey, 2017

International Black Sea Mining & Tunnelling Symposium, Attendee, Trabzon, Turkey, 2016

Awards

Beşer M. H., Şeref Ödülleri, Orta Doğu Teknik Üniversitesi, June 2013

Beşer M. H., Dr. Taylan Bozdağ Akademik Başarı Ödülleri, Orta Doğu Teknik Üniversitesi, June 2013