

Lect. PhD EMRAH DURGUT

Personal Information

Office Phone: [+90 286 416 7705](tel:+902864167705) Extension: 34055

Email: emrahdurgut@comu.edu.tr

Web: <https://avesis.comu.edu.tr/emrahdurgut>

International Researcher IDs

ScholarID: oREo-rEAAAAJ

ORCID: 0000-0002-4637-7087

Publons / Web Of Science ResearcherID: ABG-5007-2020

ScopusID: 57000508100

Yoksis Researcher ID: 248264

Education Information

Doctorate, İstanbul University-Cerrahpaşa, Institute Of Graduate Education, Department Of Mining Engineering, Turkey
2018 - 2022

Postgraduate, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2013 - 2018

Undergraduate, Istanbul Technical University, Maden, Maden Mühendisliği, Turkey 2004 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Investigation of Enrichment and Industrial Uses of Halloysite Ore, İstanbul University-Cerrahpaşa, Institute Of Graduate Education, Department Of Mining Engineering, 2022

Postgraduate, Kırşehir Bölgesi Nefelinli Siyenitlerinden Seramik Sektörüne Uygun Hammadde Üretimi, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Ana Bilim Dalı, 2018

Research Areas

Mining Engineering and Technology, Ore-Dressing, Grinding and Abrasion Materials Technology, Refining and Purification, Communiton-Sizing-Classification, Benefication by Gravity, Dense-Medium, Magnetic and Electrostatic, Flotation and Flocculation, Process and Plant Design, Chemical-Biological Winning Techniques and Mineral Processing, Material science and engineering, Ceramic Materials, Engineering and Technology

Academic Titles / Tasks

Lecturer PhD, Canakkale Onsekiz Mart University, Çan Meslek Yüksekokulu, Madencilik ve Maden Çıkarma, 2022 - Continues

Lecturer, Canakkale Onsekiz Mart University, Çan Meslek Yüksekokulu, Madencilik ve Maden Çıkarma, 2016 - Continues

Courses

Madenlerde Hazırlık ve Kazı İşleri, Associate Degree, 2022 - 2023
Industrial Minerals, Associate Degree, 2022 - 2023
Ofis Programları, Associate Degree, 2022 - 2023
Kömür Hazırlama, Associate Degree, 2022 - 2023
Bitirme Projesi, Associate Degree, 2022 - 2023
Madenlerde Havalandırma ve Emniyet, Associate Degree, 2022 - 2023
Materials Science, Associate Degree, 2022 - 2023
Coal Preperation, Associate Degree, 2021 - 2022
Endüstriye Dayalı Eğitim (Staj), Associate Degree, 2022 - 2023
Well Logging, Associate Degree, 2021 - 2022
Madencilğe Giriş, Associate Degree, 2022 - 2023
Malzeme Bilgisi, Associate Degree, 2022 - 2023
Materials Science, Associate Degree, 2021 - 2022
Ventilation in Underground Mining and Safety, Associate Degree, 2022 - 2023
Introduction to Mining, Associate Degree, 2022 - 2023
Graduation Project, Associate Degree, 2021 - 2022
Malzeme Bilimi, Associate Degree, 2022 - 2023
MS Office Programs, Associate Degree, 2021 - 2022
Madencilğe Giriş, Associate Degree, 2022 - 2023
Excavation and Preliminary Works In Mining, Associate Degree, 2021 - 2022
Industrial Raw Materials, Associate Degree, 2021 - 2022
Madenlerde Havalandırma ve Emniyet, Associate Degree, 2022 - 2023
Endüstriyel Hammaddeler, Associate Degree, 2019 - 2020
Bitirme Projesi, Associate Degree, 2019 - 2020
Kömür Hazırlama, Associate Degree, 2019 - 2020
Malzeme Bilimi, Associate Degree, 2019 - 2020
Endüstriye Dayalı Eğitim(Staj), Associate Degree, 2019 - 2020
Madenlerde Hazırlık ve Kazı İşleri, Associate Degree, 2019 - 2020
Mesleki Yabancı Dil II (İngilizce), Associate Degree, 2019 - 2020
Malzeme Bilimi, Associate Degree, 2019 - 2020
Endüstriye Dayalı Eğitim(Staj), Associate Degree, 2019 - 2020, 2018 - 2019
Mesleki Yabancı Dil I , Associate Degree, 2019 - 2020, 2017 - 2018
Madenlerde Havalandırma ve Emniyet, Associate Degree, 2019 - 2020
Mesleki Yabancı Dil I (İngilizce), Associate Degree, 2019 - 2020
Mesleki Yabancı Dil II (İngilizce), Associate Degree, 2018 - 2019
Mesleki Yabancı Dil II, Associate Degree, 2018 - 2019
Bitirme Projesi, Associate Degree, 2018 - 2019
Endüstriyel Hammaddeler, Associate Degree, 2018 - 2019, 2017 - 2018
Madencilğe Giriş, Associate Degree, 2018 - 2019, 2017 - 2018
Madenlerde Hazırlık ve Kazı İşleri, Associate Degree, 2018 - 2019
Kömür Hazırlama, Associate Degree, 2018 - 2019
Madencilğe Giriş, Associate Degree, 2019 - 2020
Mesleki Yabancı Dil I, Associate Degree, 2017 - 2018
Mesleki Yabancı Dil I (İngilizce), Associate Degree, 2017 - 2018
Madenlerde Havalandırma ve Emniyet, Associate Degree, 2017 - 2018
Malzeme Bilimi, Associate Degree, 2017 - 2018
Yeraltı İşletme Metotları, Associate Degree, 2017 - 2018
Mesleki Yabancı Dil I, Associate Degree, 2017 - 2018
Kömür Hazırlama, Associate Degree, 2016 - 2017

Mesleki İngilizce, Associate Degree, 2016 - 2017
 Maden Makinaları, Associate Degree, 2016 - 2017
 Mesleki Yabancı Dil-II, Associate Degree, 2016 - 2017
 Mesleki Yabancı Dil-II, Associate Degree, 2016 - 2017
 Teknik İngilizce II, Undergraduate, 2016 - 2017
 Madenlerde Hazırlık ve Kazı İşleri, Associate Degree, 2016 - 2017
 Bakım Sarf ve Malzeme, Associate Degree, 2016 - 2017
 Mesleki Yabancı Dil-II, Associate Degree, 2016 - 2017
 Bitirme Projesi, Associate Degree, 2016 - 2017
 Kazı ve Mekanizasyon, Undergraduate, 2016 - 2017
 Mesleki Yabancı Dil-II, Associate Degree, 2016 - 2017
 Bakım, Sarf ve Malzeme, Associate Degree, 2015 - 2016
 Maden Makinaları, Associate Degree, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of blunging process on purification of halloysite ore from ferrous impurities by dry magnetic separation**
 Durgut E., Çınar M., Boylu F., Özdemir O.
 PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.60, no.2, pp.1-14, 2024 (SCI-Expanded)
- II. **Evaluation of Different Dispersants on the Dispersion/Sedimentation Behavior of Halloysite, Kaolinite, and Quartz Suspensions in the Enrichment of Halloysite Ore by Mechanical Dispersion**
 Durgut E., Cinar M., Terzi M., Unver I. K., Yildirim Y., Ozdemir O.
 MINERALS, vol.12, no.11, 2022 (SCI-Expanded)
- III. **Effect of Blunging/Dispersion Parameters on Separation of Halloysite Nanotubes from Gangue Minerals**
 Durgut E., Cınar M., Terzi M., Unver I. K., Yildirim Y., Boylu F., Ozdemir O.
 MINERALS, vol.12, no.6, pp.1-17, 2022 (SCI-Expanded)
- IV. **Effect of calcite and mica contents in nepheline syenite samples on the ceramic body sintering behaviours and surface roughness**
 Durgut E., Çınar M., Özdemir O.
 PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.58, no.5, pp.1-12, 2022 (SCI-Expanded)
- V. **Mineral beneficiation of nepheline syenite with combination of dry magnetic separation and flotation methods**
 Çınar M., Durgut E.
 PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.55, no.5, pp.1227-1238, 2019 (SCI-Expanded)
- VI. **Development of a semi-wet process for ceramic wall tile granule production**
 Durgut E., Pala C. Y., Kayacı K., Altıntaş A., Yıldırım Y., Ergin H.
 JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.16, no.5, pp.596-600, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **An overview of halloysite mineral**
 Durgut E., Çınar M., Özdemir O.
 Scientific Mining Journal, vol.62, no.4, pp.175-182, 2023 (Scopus)
- II. **Comparação entre as Tecnologias de Moagem a Seco como Referência para os Parâmetros Tecnológicos do Grânulo Formado**
 Kayacı K., Yıldırım Y., Tarhan M., Durgut E., Ergin H.
 Ceramica Industria, vol.22, pp.7-14, 2017 (Non Peer-Reviewed Journal)

- III. **Development of a Semi-Wet Process for Ceramic Floor Tile Granule Production**
Ergin H., Kılıç M., Durgut E., Kayacı K., Altıntaş A., Yıldırım Y.
Advances Science and Technology, vol.92, pp.115-120, 2014 (Peer-Reviewed Journal)
- IV. **Determination of dry grinding properties of floor tile wastes**
Ergin H., Kılıç M., Durgut E., Kayacı K., Altıntaş A., Yıldırım Y.
Advances in Science and Technology, vol.92, pp.121-126, 2014 (Non Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Improvement of Sintering Properties of Halloysit-Kaolinite Mixture Low Quality Ceramic Raw Material by Mechanical Dispersion and Wet Magnetic Separation**
Durgut E., Çınar M., Terzi M., Kurşun Ünver İ., Yıldırım Y., Boylu F., Özdemir O.
17th International Mineral Processing Symposium, İstanbul, Turkey, 15 - 17 December 2022, vol.1, pp.285-290
- II. **Effect of Wet Grinding and Mechanical Dispersion on the Sintering Properties of Kızıldam Halloysite Ore**
Durgut E., Terzi M., Kurşun Ünver İ., Çınar M., Özdemir O.
27th International Mining Congress and Exhibition of Turkey, IMCET 2022, Antalya, Turkey, 22 - 25 March 2022, pp.979-985
- III. **Investigation of The Effects of Clay Impurities on Ceramic Tiles and Novel Methods For Improvements**
Yıldırım Y., Ergin H., Durgut E.
XVII. Balkan Mineral Processing Congress, Antalya, Turkey, 1 - 03 November 2017, pp.697-704
- IV. **The Benefication Of Kirşehir Nepheline Syenite As Ceramic Raw Material**
Çınar M., Durgut E., Çalışkan H., Yıldırım Y.
XVII. Balkan Mineral Processing Congress, Antalya, Turkey, 1 - 03 November 2017, pp.667-674
- V. **Kalsit Karışmış Ukrayna Kilinin Kazanımı ve Yer Karosu Engop Reçetesinde Kullanımı**
Durgut E., Yıldırım Y.
17. Ulusal Kil Sempozyumu, Muğla, Turkey, 4 - 07 October 2017, pp.238-245
- VI. **Bodurlar Kaolen Ocağının Seramik Hammaddesi Olarak Karakterizasyonu ve Kullanımının Araştırılması**
Yıldırım Y., Erçetin Akyar Y., Durgut E.
17. Ulusal Kil Sempozyumu, Muğla, Turkey, 4 - 07 October 2017, pp.19-29
- VII. **Comparison of Dry Grinding Technologies as a Reference of Ceramic Granule Technological Parameters**
Kayacı K., Yıldırım Y., Tarhan M., Durgut E., Ergin H.
Qualicer 2016, Castello, Spain, 8 - 09 February 2016, pp.1-10
- VIII. **Farklı mineralojik özelliklere sahip killerin pişme davranışına etkisinin incelenmesi**
Yıldırım Y., Yiğit Pala Ç., Durgut E., Ergin H., Kayacı K.
16. Ulusal Kil Sempozyumu, Çanakkale, Turkey, 2 - 05 September 2015, no.127, pp.157-165
- IX. **Killerin fiziksel, kimyasal ve mineralojik özelliklerinin plastikliğe olan etkisi**
Durgut E., Yıldırım Y., Yiğit Pala Ç., Kayacı K., Ergin H.
16. Ulusal Kil Sempozyumu, Çanakkale, Turkey, 2 - 05 September 2015, no.127, pp.2-7
- X. **Şile Bölgesi killerinin mineralojik özelliklerinin reolojik davranışlarına etkisi**
Yıldırım Y., Yiğit Pala Ç., Durgut E., Kayacı K., Ergin H.
16. Ulusal Kil Sempozyumu, Çanakkale, Turkey, 2 - 05 September 2015, no.127, pp.13-19
- XI. **The recycling and optimum use of wall tile wastes in the production of ceramic body**
Kayacı K., Yıldırım Y., Altıntaş A., Kılıç M., Durgut E., Yiğit Pala Ç., Ergin H.
The 14th International Mineral Processing Symposium, Aydın, Turkey, 15 - 17 October 2014, pp.793-800
- XII. **Effects of grinding media shape in milling of ceramic raw materials**
Kayacı K., Yıldırım Y., Altıntaş A., Durgut E., Yiğit Pala Ç., Ergin H.

- The 14th International Mineral Processing Symposium, Muğla, Turkey, 15 - 17 October 2014, pp.31-38
- XIII. **Development of a Semi-Wet Process for Ceramic Floor Tile Granule Production**
ERGİN H., KILIÇ M., DURGUT E., KAYACI K., ALTINTAŞ A., YILDIRIM Y.
13th International Ceramics Congress, Montecatini Terme, Italy, 9 - 13 June 2014, vol.92, pp.115-120
- XIV. **Determination of Dry Grinding Properties of Floor Tile Wastes**
ERGİN H., KILIÇ M., DURGUT E., KAYACI K., ALTINTAŞ A., YILDIRIM Y.
13th International Ceramics Congress, Montecatini Terme, Italy, 8 - 13 June 2014, vol.92, pp.121-126
- XV. **The Recycling and Optimum Use of Floor Tile Wastes in the Production of Ceramic Body**
Kayacı K., Altıntaş A., Yıldırım Y., Yiğit Pala Ç., Kılıç M., Durgut E., Ergin H., Çimen S.
EurAsia Waste Management Symposium, İstanbul, Turkey, 28 - 30 April 2014, pp.1-7
- XVI. **The Recycling of Ceramic Sludge Waste to Produce Alternative Eco-Products in Ceramic Tile Factory**
Ergin H., Yıldırım Y., Eker A., Türk Ş., Kılıç M., Durgut E.
EurAsia Waste Management Symposium 2014, İstanbul, Turkey, 28 - 30 April 2014, pp.1-11

Supported Projects

- Özdemir O., Çınar M., Durgut E., Project Supported by Higher Education Institutions, Investigation of Enrichment and Industrial Uses of Halloysite Ore, 2021 - 2022
- Terzi M., Kurşun Ünver İ., Durgut E., Project Supported by Higher Education Institutions, Termik Santral Uçucu Küllerindeki Nadir Toprak Elementleri ve Diğer Kıymetli Element Potansiyelinin Belirlenmesi ve Fiziksel Zenginleştirme Yöntemleri ile Kazanım Olanaklarının Araştırılması, 2018 - 2021
- DURGUT E., TUBITAK Project, Kuru Öğütme ve Granülasyon Sistemlerinin Kullanımı İle Duvar Karosu Üretimi, 2015 - 2016
- DURGUT E., TUBITAK Project, Seramik Bünyelerde Kil Oranının Azaltılması, 2015 - 2016
- DURGUT E., TUBITAK Project, Masse Üretiminde Yarı Yaş Hazırlama Sistemi Geliştirilmesi, 2014 - 2016
- DURGUT E., Project Supported by Other Private Institutions, Yozgat/Yerköy Civarındaki Mağmatik ve Sedimenter Oluşumların Mineralojisi/Teknolojik Özelliklerinin Tespiti ve Seramik Sektöründe Kullanım Olanaklarının Araştırılması, 2014 - 2016
- DURGUT E., Project Supported by Other Private Institutions, Süreç İyileştirme Projeleri, 2013 - 2016
- DURGUT E., Project Supported by Other Private Institutions, Biga Perlitlerinin Yer Karolarında Kullanım Olanaklarının Araştırılması, 2014 - 2015
- DURGUT E., Project Supported by Other Private Institutions, Pişmiş Seramik Atıklarının Değerlendirilmesi, 2012 - 2014
- DURGUT E., Project Supported by Other Private Institutions, Düşük Derecede Sinterlenen İzolatör Massesi Üretimi Araştırılması, 2012 - 2013
- DURGUT E., Project Supported by Other Private Institutions, Kuzey Irak Masse Reçetelerinin Geliştirilmesi, 2012 - 2013
- DURGUT E., TUBITAK Project, Nem Kontrollü Karo Bünyelerinin Geliştirilmesi, 2012 - 2013

Scientific Refereeing

- PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, Journal Indexed in SCI-E, August 2023
- PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, Journal Indexed in SCI-E, May 2023
- PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, Journal Indexed in SCI-E, May 2023
- PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, Journal Indexed in SCI-E, December 2022
- PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, Journal Indexed in SCI-E, June 2021
- PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, Journal Indexed in SCI-E, July 2020
- PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, Journal Indexed in SCI-E, April 2020
- PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, Journal Indexed in SCI-E, February 2020

Metrics

Publication: 26

Citation (WoS): 15

Citation (Scopus): 14

H-Index (WoS): 2

H-Index (Scopus): 3

Non Academic Experience

Business Establishment Private, Kaleseramik A.Ş

Kaleseramik A.Ş.

Business Establishment Private, Kaleseramik A.Ş, Kaplama Malzemeleri

Kaleseramik Ar-Ge Merkezş

Business Establishment Private, Kaleseramik A.Ş

Kaleseramik A.Ş.