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International Researcher IDs

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Education

Doctorate
2013 - 2019

Akdeniz University, Institute of Science, Jeoloji Mühendisliği A.B.D, Turkey

Postgraduate
2010 - 2012

Akdeniz University, Institute of Science, Jeoloji Mühendisliği A.B.D, Turkey

Undergraduate
2005 - 2009

Karadeniz Technical University, Mühendislik Fakültesi, Jeoloji Mühendisliği,
Turkey

Certificates, Courses and Trainings

IT, Uzaktan Algılama Sertifika Programı Eğitimi, MAKÜ-BURDUR GELİŞİM MERKEZİ, 2020

Vocational Course, İHA Operatörlüğü ve Temel Radyo Haberleşme Eğitimi, Akdeniz Üniversitesi, AKHUMER, 2019

Vocational Course, İlk Yardım Eğitimi, Antalya İl Sağlık Müdürlüğü, 2019

Education Management and Planning, UPPScience Erasmus+ Project KA2, Avrupa Birliği - Akdeniz Üniversitesi, 2018

IT, BAŞARSOFT-MAPINFO Akademi Akdeniz Üniversitesi'nde Akademisyenler için düzenlenmiş olan v.16 (64 bit)

MAPINFO Pro Temel ve İleri Seviye Eğitimi, Akdeniz Üniversitesi, BAŞARSOFT, 2018

Other, Uygulamalı Girişimcilik Eğitimi, KOSGEB / AKGİM, 2017

Entrepreneurship, Girişimcilik Eğitimi, Akdeniz Üniversitesi, KOSGEB-AKGİM, 2017

IT, BAŞARSOFT-MAPINFO Akademi pB Encom Discover-Discover 3D Yerbilimleri Uygulamaları Eğitimi, Ankara, BAŞARSOFT, 2017

IT, BAŞARSOFT-MAPINFO Akademi v.16 (64 bit) MAPINFO Professional Temel ve İleri Seviye Eğitimi, Akdeniz Üniversitesi, BAŞARSOFT, 2017

Vocational Training, İnşaat Boyacı Ustası ve Isı Yalıtımcısı Eğitici Eğitimi, Gebze, Kocaeli, DYO Akademi, 2015

Dissertations

Doctorate, Malkara (Tekirdağ) Kömürlerinin Organik Jeokimyası, Ana-Eser Element İçerikleri Ve Çevresel Etkilerinin CBS Destekli İncelenmesi, Akdeniz University, Institute of Science, Jeoloji Mühendisliği, 2019

Postgraduate, Pamucakyayla (Kemer-Antalya) Yöresi Karbonifer Çökellerinin Organofasiyes Özellikleri, Akdeniz

Academic Titles / Tasks

Assistant Professor 2022 - Continues	Akdeniz University, Technical Sciences Vocational School, Department of Architecture and City Planning
Lecturer PhD 2019 - 2022	Akdeniz University, Technical Sciences Vocational School, Department of Construction
Lecturer 2014 - 2019	Akdeniz University, Technical Sciences Vocational School, İnşaat Bilimleri

Supported Projects

1. Güllüdağ C. B., Aksoy E., TUBITAK Project, HAVA KİRELETİCİSİ ÖLÇEN İNSANSIZ HAVA ARACI TASARIMI VE 3D HAVA MODELLEMESİ, 2023 - 2024
2. ALTUNSOY M., GÜLLÜDAĞ C. B., SADIQ N., Project Supported by Higher Education Institutions, Göynük (Kemer-Antalya) Kömürlerinin Biyomarker Jeokimyası, 2022 - 2024
3. ALTUNSOY M., GÜLLÜDAĞ C. B., Project Supported by Higher Education Institutions, Malkara (Tekirdağ) Kömürlerinin Organik Jeokimyası, Ana - Eser Element İçerikleri ve Çevresel Etkilerinin CBS Destekli İncelenmesi, 2016 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Remote Sensing and Geographic Information Systems Detection of Fossil Fuel Air Pollution Impact in Socially Fragile Areas**
Güllüdağ C. B., Aksoy E., Özgürel Y.
SUSTAINABILITY, vol.7, no.17, pp.1-26, 2025 (SCI-Expanded)
2. **Nuclear leak spatial risk assessment with analytical hierarchy process (AHP) from multi-criteria decision analysis (MCDA) methods (case study of Türkiye Nuclear Power Plants)**
Güllüdağ C. B.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.0, no.0, 2025 (SCI-Expanded)
3. **Radioactivity characteristics of lignite and hard coals: Case study of Zonguldak (Kozlu), Konya (Karapınar) and Antalya (Pamucakya) in Türkiye**
Özmen S. F., Güllüdağ C. B., Karadirek S., Aksoy E.
Nukleonika, vol.69, no.2, pp.99-105, 2024 (SCI-Expanded)
4. **Natural and artificial radioactivity levels of greenhouse soils and relations with soil properties**
TOPCUOĞLU B., ÖZMEN S. F., BOZTOSUN İ., GÜLLÜDAĞ C. B.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.331, no.2, pp.783-797, 2022 (SCI-Expanded)
5. **The application of different optimization techniques and Artificial Neural Networks (ANN) for coal-consumption forecasting: a case study Zastosowanie różnych technik optymalizacji i sztucznych sieci neuronowych (SSN) do prognozowania zużycia węgla: studium przypadku**
ŞEKER M., Unal Kartal N., KARADİREK S., GÜLLÜDAĞ C. B.
Gospodarka Surowcami Mineralnymi / Mineral Resources Management, vol.38, no.2, pp.77-112, 2022 (SCI-Expanded)
6. **Radioactivity concentrations and risk assessment of Tekirdag lignites (case study of Malkara**

coalfield)

GÜLLÜDAĞ C. B., AKSOY E., UNAL N., ÖZMEN S. F.

ACTA GEOPHYSICA, vol.68, no.5, pp.1411-1420, 2020 (SCI-Expanded)

7. **Major and trace element contents in coaly units of the Pliocene Dursunlu Formation**

ALTUNSOY M., ÖZÇELİK O., ÖZDOĞAN M., GÜLLÜDAĞ C. B.

Procedia Earth and Planetary Science, vol.15, pp.774-780, 2015 (SCI-Expanded)

Articles Published in Other Journals

1. **MAJOR and TRACE ELEMENT GEOCHEMISTRY of the MALKARA (TEKİRDAĞ, TURKEY) COALS**

GÜLLÜDAĞ C. B., ALTUNSOY M.

Journal of scientific reports-A (Online), no.51, pp.1-25, 2022 (Peer-Reviewed Journal)

2. **COMPARISON of the DISTRIBUTION of ENVIRONMENTALLY HAZARDOUS ELEMENTS in COAL with KRIGING and IDW METHODS (TEKİRDAĞ-MALKARA COALFIELD)**

Güllüdağ C. B., Ünal Kartal N.

Journal of scientific reports-A (Online), no.50, pp.44-67, 2022 (Peer-Reviewed Journal)

3. **Türkiye’de CBS Tabanlı Kömür Maden Bilgi Sistemi (KMBS) Kurulmasında Kullanılacak Bazı Kriterler**

GÜLLÜDAĞ C. B., ALTUNSOY M.

Jeoloji Mühendisliği Dergisi, vol.42, no.2, pp.175-191, 2018 (Scopus)

4. **Comparison of Major and Trace - Element Enrichments of Pliocene Coal Fields from Karapınar and Ilgın (Konya) Basins (Turkey)**

ALTUNSOY M., ÖZÇELİK O., GÜLLÜDAĞ C. B.

Journal of Scientific and Engineering Research, vol.4, no.10, pp.269-275, 2017 (Peer-Reviewed Journal)

5. **PAMUCAKYAYLA (ANTALYA) CİVARI ORGANİK KAYAÇLARINDAKİ ANA VE İZ ELEMENTLERİN JEOKİMYASAL DAVRANIŞLARI**

KOCA D., ALTUNSOY M., SARI A., GÜLLÜDAĞ C. B.

SELÇUK ÜNİVERSİTESİ MÜHENDİSLİK, BİLİM VE TEKNOLOJİ DERGİSİ, vol.3, no.4, pp.13-26, 2015 (Peer-Reviewed Journal)

Books

1. **TARIMSAL ÜRETİMDE TERMAL UZAKTAN ALGILAMA UYGULAMALARI**

Yılmaz İ., Özgürel Y., Kabaş Ö., Aksoy E., Koçer A., Güllüdağ C. B.

in: BAHÇE TARIMINDA ARAŞTIRMALAR VE UYGULAMALAR, Doç. Dr. Arzu ÇİĞ, Dr. Öğr. Üyesi Muhemet Zeki KARİPÇİN, Editor, İksad Yayınevi, Ankara, pp.99-132, 2023

2. **ENERJİ KAYNAKLARINDAN KÖMÜRÜN ÇEVRESEL ETKİLERİNE YÖNELİK BİR YAKLAŞIM: ÇKKV METOTLARININ KÖMÜR MADENCİLİĞİNDE KULLANIMI**

GÜLLÜDAĞ C. B., KARADİREK S.

in: TEKNOBİLİM-2022: Enerji Krizi ve Yenilenebilir Enerji, Ceren KARAMAN, Editor, Efe Akademi Yayınları, pp.95-110, 2022

3. **FOSİL KÖKENLİ ENERJİ KAYNAKLARINDA BİYOMARKER ÇALIŞMALARININ ÖNEMİ**

KARADİREK S., GÜLLÜDAĞ C. B., ALTUNSOY M.

in: TEKNOBİLİM-2022: Enerji Krizi ve Yenilenebilir Enerji, Ceren KARAMAN, Editor, Efe Akademi Yayınları, pp.73-94, 2022

4. **Anthropogenic and Natural Sources of Air Pollutants and Studies on Their Detection By UAV**

AKSOY E., GÜLLÜDAĞ C. B., KARADİREK S.

in: SCIENTIFIC STUDIES IN THE PERSPECTIVE OF ENERGY AND ENVIRONMENT, Afşin Güngör, Ali Özhan Akyüz, Kazım Kumaş, Editor, Akademisyen Kitabevi, Ankara, pp.35-52, 2022

5. **An Example Study of Underground Mapping Methods in Mining Sites**

Güllüdağ C. B., Altunsoy M.

in: Novel Approaches to Engineering Science, AFŞİN GÜNGÖR, Ali Özhan AKYÜZ, Editor, Akademisyen Kitabevi, Ankara, pp.117-133, 2021

Papers Published in Refereed Scientific Meetings

1. **Radioactivity Characteristics of Turkey Coals: Case Study of Zonguldak, Konya and Antalya**
ÖZMEN S. F., GÜLLÜDAĞ C. B., KARADİREK S., AKSOY E.
International Conference on Development and Applications of Nuclear Technologies NUTECH-2023, Krakow, Poland, 20 - 22 September 2023
2. **UNMANNED AERIAL VEHICLE (UAV) PRACTICES IN OPEN MINING ACTIVITIES: CASE STUDY OF DEMRE-ANTALYA MINING SITE**
Güllüdağ C. B., Uzunsakal L.
III. INTERNATIONAL SCIENCE AND INNOVATION CONGRESS (INSI 2022), Ankara, Turkey, 9 - 12 June 2022, pp.12
3. **Harris Hawk ve Dragonfly Optimizasyon Algoritmaları Kullanılarak Türkiye'nin Kömür Tüketim Tahmini Üzerine Karşılaştırmalı Bir Çalışma**
Şeker M., Ünal Kartal N., GÜLLÜDAĞ C. B.
5th International Mediterranean SCIENCE AND ENGINEERING (IMSEC 2020) CONGRESS, Antalya, Turkey, 21 - 23 October 2020, pp.562
4. **RADIOACTIVITY CONCENTRATIONS AND RISK ASSESSMENT OF TEKIRDAG LIGNITES (CASE STUDY OF MALKARA COALFIELD)**
ÖZMEN S. F., GÜLLÜDAĞ C. B., AKSOY E., ÜNAL N.
7. ULUSLARARASI ISPEC MÜHENDİSLİK VE FEN BİLİMLERİ KONGRESİ, 8 - 10 May 2020
5. **Türkiye'deki Meslek Yüksekokulları Coğrafi Bilgi Sistemleri Program Mezunları ve Harita Mühendisliği ile İlişkileri**
AKSOY E., GÜLLÜDAĞ C. B., SELİM S.
17. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 25 - 27 April 2019, pp.12
6. **GIS in aging research: A study on improving transformation facilities for older people**
KORKMAZ YAYLAGÜL N., AKSOY E., GÜLLÜDAĞ C. B.
VIII. Turkey International Social and Applied Gerontology Symposium, Antalya, Turkey, 22 - 23 October 2018, pp.156
7. **Türkiye'deki Belediyelerin Kent Bilgi Sistemleri Açısından Değerlendirilmesi**
GÜLLÜDAĞ C. B., AKSOY E.
UZAL-CBS 2018, Eskişehir, Turkey, 18 - 21 September 2018, pp.164
8. **GIS MODELLING OF LIGNITE IN MALKARA (TEKIRDAG - TURKEY)**
Güllüdağ C. B., Altunsoy M.
9th International Symposium of the Eastern Mediterranean Geology (ISEMG 2018), Antalya, Turkey, 7 - 11 May 2018, pp.315
9. **Criteria for creating GIS Based Coal Mine Information System (CMIS) in Turkey**
GÜLLÜDAĞ C. B., ALTUNSOY M.
1 th International Conference on Advances in Engineering Sciences: Thailand 2017, Phuket, Thailand, 3 - 05 July 2017, pp.24
10. **3 D Log Correlation and Land Modelling at Coal Fields (Tekirfağ/Turkey - Malkara Sample)**
GÜLLÜDAĞ C. B., ALTUNSOY M.
1.th International Conference on Advances in Engineering Sciences: Thailand 2017, Phuket, Thailand, 3 - 05 July 2017, pp.26
11. **The Comparison of Konya Basin Pliocene aged two coal fields in terms of element content**
ALTUNSOY M., ÖZÇELİK O., GÜLLÜDAĞ C. B.
Goldschmidt 2016, Yokohama, Japan, 26 June - 01 July 2016, vol.1, pp.50
12. **Organic facies characteristics of the Carboniferous Pamucakyayla Formation, western Taurus,**

Antalya Nappes, Kemer (Antalya/Turkey)

GÜLLÜDAĞ C. B., ALTUNSOY M., ÖZÇELİK O.

EGU General Assembly Conference, Viyana, Austria, 13 - 17 April 2015, vol.1, pp.105

13. Major and Trace Element Contents in Coaly Units of the Pliocene Dursunlu Formation

ALTUNSOY M., ÖZÇELİK O., Ozdogan M., GÜLLÜDAĞ C. B.

1st World Multidisciplinary Earth Sciences Symposium (WMESS), Prague, Czech Republic, 7 - 11 September 2015, vol.15, pp.774-780

14. ORGANIC GEOCHEMICAL CHARACTERISTICS OF CARBONIFEROUS COALY UNITS IN THE PAMUCAKYAYLA REGION (KEMER, ANTALYA TURKEY)

ALTUNSOY M., GÜLLÜDAĞ C. B., ÖZÇELİK O.

12h International Multidisciplinary Scientific Geoconference (SGEM), Albena, Bulgaria, 17 - 23 June 2012, pp.189-191

Academic and Administrative Experience

2021 - 2024	Rectorate Commissioner	Akdeniz University, Technical Sciences Vocational School, Department of Architecture and City Planning
2019 - 2024	Assistant Director of Vocational School	Akdeniz University, Technical Sciences Vocational School, Department of Architecture and City Planning
2015 - 2024	TBMYO Eğitim-Öğretim Komisyonu Üyesi	Akdeniz University, Technical Sciences Vocational School, Department of Architecture and City Planning

Courses

Undergraduate

Temel Bilgisayar ve Algoritma, Undergraduate, 2018 - 2019

Associate Degree

Kentsel Altyapı, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Coğrafi Bilgi Sistemleri, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Yalıtım Teknolojisi, Associate Degree, 2021 - 2022, 2020 - 2021, 2015 - 2016

Toplumsal Destek Projeleri, Associate Degree, 2021 - 2022

Kent Bilgi Sistemleri, Associate Degree, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2015 - 2016

Coğrafi Bilgi Sistemlerinde Yerbilimleri Uygulamaları, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Sistem Analizi ve Tasarımı, Associate Degree, 2020 - 2021, 2019 - 2020

Bitirme Çalışması, Associate Degree, 2019 - 2020

Yapı Teknolojisi, Associate Degree, 2020 - 2021, 2015 - 2016

Kentsel Teknik Altyapı, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Konumsal Veri Tabanı, Associate Degree, 2019 - 2020

İş Güvenliği, Associate Degree, 2018 - 2019

Yerbilimleri Uygulamaları, Associate Degree, 2018 - 2019, 2017 - 2018

Teknik Resim, Associate Degree, 2019 - 2020, 2018 - 2019

Uzaktan Algılamaya Giriş, Associate Degree, 2018 - 2019

Haritacılıkta Uzaktan Algılama, Associate Degree, 2017 - 2018

Atık Sular, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Kalite Güvence ve Standartlar, Associate Degree, 2017 - 2018, 2014 - 2015

Coğrafi Bilgi Sistemlerine Giriş, Associate Degree, 2018 - 2019, 2017 - 2018
Araştırma Yöntem ve Teknikleri, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016
İletişim, Associate Degree, 2016 - 2017, 2015 - 2016
Vektörel Programlama, Associate Degree, 2016 - 2017, 2015 - 2016
Zemin Etüdü ve Zemin İyileştirme, Associate Degree, 2016 - 2017, 2015 - 2016
Uzaktan Algılama, Associate Degree, 2016 - 2017
Meslek Etiği, Associate Degree, 2014 - 2015
Genel Jeoloji, Associate Degree, 2014 - 2015

Supervised Theses

Altunsoy M., Güllüdağ C. B., Göynük (Kemer-Antalya) Kömürlerinin Biyomarker Jeokimyası, Doctorate, N.SADIQ(Student), Continues
Güllüdağ C. B., Uzaktan algılama ve yersel veriler kullanılarak fosil yakıt kaynaklı hava kirleticilerinin zamansal ve mekansal değerlendirilmesi: Antalya ili Kepez örneği, Postgraduate, Y.ÖZGÜREL(Student), 2024

Metrics

Publication: 44
Citation (Scopus): 2
H-Index (Scopus): 1

Congress and Symposium Activities

UZAL-CBS 2018, Attendee, Eskişehir, Turkey, 2018
9th International Symposium on Eastern Mediterranean Geology, Attendee, Antalya, Turkey, 2018
UPPScience Erasmus+ Project 2016-KA2-NO, Attendee, Bucuresti, Romania, 2018
The World Multidisciplinary Earth Sciences Symposium, Attendee, Praha, Czech Republic, 2015
European Geosciences Union (EGU) General Assembly 2015, Attendee, Vienna, Austria, 2015
30th International Conference On Ore Potential Of Alkaline, Kimberlite And Carbonatite Magmatism, Attendee, Antalya, Turkey, 2014
VI. Geochemistry Symposium With International Participation, Attendee, Mersin, Turkey, 2014
2. Tıbbi Jeoloji Çalıştayı, Attendee, Antalya, Turkey, 2013
7. ATAG (Aktif Tektonik Araştırma Grubu) Çalıştayı, Attendee, Antalya, Turkey, 2013

Invited Talks

Mesleki Deneyim Paylaşımı, Seminar, Açık Okulları Kariyer Günleri, Turkey, February 2019

Research Areas

Geographic Information Systems, Remote sensing, Geological Engineering, Ore Deposits-Geochemistry