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Education Information

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği, Turkey 1992 - 1994

Undergraduate, Istanbul University, Mühendislik Fakültesi, Jeofizik Mühendisliği, Turkey 1987 - 1991

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Marmara Denizi Kuzey Kıta Sahaneliğinin (Silivri-Kumkapı) Geç Kuvaterner Sismik Stratigrafisi, Cukurova University, Mühendislik Mimarlık Fakültesi, Jeoloji, 2004

Postgraduate, Düşey Elektrik Sondaj Yöntemiyle Silifke Ovacık Ovasında Yeraltı Suyu Araştırılması, Cukurova University, Mühendislik Mimarlık Fakültesi, Jeoloji, 1996

Research Areas

Applied Geophysics, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Cukurova University, Mühendislik Mimarlık Fakültesi, Jeoloji, 2018 - Continues

Assistant Professor, Cukurova University, Mühendislik Mimarlık Fakültesi, Jeoloji, 2016 - 2018

Lecturer PhD, Cukurova University, Mühendislik Mimarlık Fakültesi, Jeoloji, 2005 - 2016

Lecturer, Cukurova University, Mühendislik Mimarlık Fakültesi, Jeoloji, 1995 - 2005

Advising Theses

KARAKILÇIK H., Jeotermal Aramalarda Vibrosismik Kaynak Kullanarak Uygun Sweep Parametrelerinin Belirlenmesi, Postgraduate, O.Karaca(Student), 2015

- KARAKILÇIK H., Diyarbakır ili Bismil İlçesinin Güneydoğusunun Petrol Kaynak Potansiyelinin Jeolojik ve Jeofizik Yöntemlerle İncelemesi, Postgraduate, V.Eren(Student), 2013
- KARAKILÇIK H., Manisa'nın Salihli İlçesinin Jeotermal Kaynak Potansiyelinin Jeolojik ve Jeofizik Yöntemlerle İncelenmesi, Postgraduate, U.Eğemen(Student), 2012
- KARAKILÇIK H., Sıraseki (Adana) Sahasında Sismik Yansıma Yöntemi İle Hidrokarbon Araştırılmasında Sismik Veri Toplama ve Parametre Seçimi, Postgraduate, A.Şahin(Student), 2011
- KARAKILÇIK H., Hatay İli Yayladağ İlçesinde Özdirenç Yöntemiyle Yeraltı Suyu Aramaları, Postgraduate, A.Kopaçlı(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The integration of parabolic trough solar collectors and evacuated tube collectors to geothermal resource for electricity and hydrogen production**
ATIZ A., KARAKILÇIK H., Erden M., KARAKILÇIK M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.46, no.57, pp.29027-29037, 2021 (SCI-Expanded)
- II. **Assessment of power and hydrogen production performance of an integrated system based on middle-grade geothermal source and solar energy**
ATIZ A., KARAKILÇIK H., Erden M., KARAKILÇIK M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.46, no.1, pp.272-288, 2021 (SCI-Expanded)
- III. **Investigation energy, exergy and electricity production performance of an integrated system based on a low-temperature geothermal resource and solar energy**
ATIZ A., KARAKILÇIK H., Erden M., KARAKILÇIK M.
ENERGY CONVERSION AND MANAGEMENT, vol.195, pp.798-809, 2019 (SCI-Expanded)
- IV. **Assessment of electricity and hydrogen production performance of evacuated tube solar collectors**
ATIZ A., KARAKILÇIK H., Erden M., KARAKILÇIK M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.44, no.27, pp.14137-14144, 2019 (SCI-Expanded)
- V. **Investigation of hydrogen production performance of chlor-alkali cell integrated into a power generation system based on geothermal resources**
KARAKILÇIK H., Erden M., KARAKILÇIK M.
International Journal of Hydrogen Energy, pp.14145-14150, 2019 (SCI-Expanded)
- VI. **"Fakılar Boksit Cevher Özellikleri Ve Potansiyeline Ait ilk Bulgular (Çamllıyayla/Mersin)**
YAPICI N., GÜNEYLİ H., KARAKILÇIK H.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.30, no.2, pp.55-64, 2015 (SCI-Expanded)
- VII. **Late glacial-Holocene shelf evolution of the Sea of Marmara west of Istanbul**
Karakılçık H., Ünlügenç Ü. C., Okyar M.
JOURNAL OF AFRICAN EARTH SCIENCES, vol.100, pp.365-378, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Afyonkarahisar-Dinar Dombayova Kömür Sahasının Tektono-Stratigrafik İncelemesi, Saha İçindeki Linyit Depolarının Jeolojik Gelişimi ve Rezerv Olanakları**
Pekkyıcı K., Ünlügenç Ü. C., Karakılçık H.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.4, no.35, pp.897-912, 2020 (Peer-Reviewed Journal)
- II. **Sedimentary Evidences for the Depositional and Environmental Changes Regarding to Regression during Mid to Late Miocene in the Neogene Adana Basin (Southern Turkey)**
Ünlügenç Ü. C., Akıncı A. C., Karakılçık H.
Çukurova Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.34, no.4, pp.1-8, 2019 (Peer-Reviewed Journal)
- III. **İzmit Körfezi'nin Sığ Sismik Verilerle Sismik Stratigrafik İncelenmesi**

KARAKILÇIK H.

Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.31, no.2, pp.365-378, 2016 (Peer-Reviewed Journal)

IV. **Ovacık Ovasında Silifke İçel Düşey Elektrik Sondaj Yöntemiyle Tatlı su ve olası tuzlu su girişiminin incelenmesi**

KARAKILÇIK H., ÜNLÜGENÇ Ü. C.

DSİ Genel Müdürlüğü, Hidrolojide İzotop Tekniklerinin Kullanılması Sempozyumu, no.1, pp.281-295, 2002 (Peer-Reviewed Journal)

V. **Düşey Elektrik Sondaj Yöntemi ile Yeraltı Suyu Araştırması**

Karakılçık H., Ünlügenç Ü. C.

Fen ve Mühendislik Bilimleri Dergisi, vol.8, pp.137-150, 1997 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Investigation of cushion gas/working gas ratios of underground salt caverns for hydrogen storage**

San S., Karakılçık H., Karakılçık M., Erden M., Atız A.

in: Emerging Trends in Energy Storage Systems and Industrial Applications, Prabhansu and Nayan Kumar, Editor, Academic Press , London, pp.67-78, 2022

II. **Performance Improving of Low Temperature Geothermal Sources with the Assist of a Solar Pond**

KARAKILÇIK H., ATIZ A., Erden M., KARAKILÇIK M.

in: Renewable Energy Based Solutions, Uyar Tanay Sıdkı, Javani Nader, Editor, Springer, Cham, pp.451-463, 2022

III. **Investigation of Cushion Gas / Working Gas Ratios of Underground Salt Caverns Hydrogen Gas Storage**

San S., KARAKILÇIK M., KARAKILÇIK H., Erden M., ATIZ A.

in: Emerging Trends in Energy Storage Systems and Industrial Applications, Prabhansu, Nayan Kumar, Editor, Elsevier, Oxford, pp.67-78, 2022

IV. **Hydrogen production and space heating using water heated by solar radiation**

ATIZ A., KARAKILÇIK H., KARAKILÇIK M.

in: Solar Water Heating: Fundamentals and Applications, Khalil Kassmi, Editor, Nova Science Publishers, Inc., Hauppauge NY, pp.177-202, 2021

V. **Daily comparison energy and exergy analysis and thermal energy storage performance of solar collectors**

ATIZ A., KARAKILÇIK H., SAXENA A., KARAKILÇIK M.

in: Solar Water Heating: Fundamentals and Applications, Khalil Kassmi, Editor, Nova Science Publishers, Inc., Hauppauge NY, pp.59-83, 2021

VI. **Underground Large-Scale Hydrogen Storage**

KARAKILÇIK H., KARAKILÇIK M.

in: Accelerating the Transition to a 100 Renewable Energy Era, Tanay Sıtkı Uyar, Editor, Springer Nature, Cham, pp.375-392, 2020

VII. **Assessment of a Geothermal Based Integrated System For Power and Hydrogen Production**

KARAKILÇIK H.

in: 2nd International Hydrogen Technologies Congress (IHTEC2017) Proceedings Book, I. Dincer, A. Midilli, M. Karakılçık, Editor, Hidrojen Teknolojileri Derneği, Adana, pp.230-234, 2017

VIII. **Determination of Geothermal Fields at Kızılcahamam (Ankara) Using Vertical Electrical Sounding (VES) and Spontaneous Potential (SP) Methods**

KARAKILÇIK H.

in: Progress in Clean Energy Volume II: Novel Systems and Applications, Dincer I., Ozgur Colpan C., Kizilkan O., Ezan MA., Editor, Springer, London/Berlin , Switzerland, pp.301-312, 2015

IX. **Determination of Geothermal Fields at Kızılcahamam (Ankara) Using Vertical Electrical Sounding (VES) and Spontaneous Potential (SP) Methods**

KARAKILÇIK H.

in: Progress in Clean Energy Volume 2, Dincer, I., Colpan, C.O., Kizilkan, O., Ezan, M.A., Editor, Springer International Publishing, Zürich, pp.301-312, 2015

X. **Determination of a Geothermal Energy Field with Audio-Magnetotelluric (AMT) Data at the South of Manisa, Turkey**

KARAKILÇIK H.

in: Progress in Exergy, Energy, and the Environment, Dincer I., Midilli A., Kucuk H., Editor, Springer, London/Berlin, Switzerland, pp.849-856, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF ELECTRICITY, HYDROGEN AND CLEAN WATER PRODUCTION WITH RENEWABLE ENERGY SYSTEM INTEGRATED ONTO A SHIP: MOBILE ENERGY PRODUCTION ON A SHIP**
Erden M., ATIZ A., KARAKILÇIK H., KARAKILÇIK M.
23rd World Hydrogen Energy Conference (WHEC2022), İstanbul, Turkey, 26 - 30 June 2022, vol.1, pp.170-172
- II. **Investigation Of Electricity, Hydrogen And Clean Water Production With Renewable Energy System Integrated Onto A Ship**
Erden M., Atız A., Karakılçık H., Karakılçık M.
23rd World Hydrogen Energy Conference (WHEC-2022), İstanbul, Turkey, 26 - 30 June 2022, pp.170-172
- III. **Investigation of hydrogen production performance at different mass flow rates by upgrading the temperatures of geothermal resource fluids at different medium temperatures with PTSCs in an integrated system**
Karakılçık H., Atız A., Karakılçık M.
6th International Hydrogen Technologies Congress (IHTEC-2022), İstanbul, Turkey, 23 January - 26 October 2022, pp.183-185
- IV. **Yeraltı Tuz Mağaralarının Hidrojen Depolama Potansiyelinin İncelenmesi**
KARAKILÇIK M., KARAKILÇIK H.
Mathematics - Engineering- Science and Medical Studies, Euro Asia 5th. International Congress on Applied Sciences, Adana, Turkey, 15 - 17 November 2019, pp.487-494
- V. **Jeofizik Yöntemlerle Doğal Gaz Depolama Rezervuarlarının Belirlenmesi**
KARAKILÇIK H., KARAKILÇIK M.
Mathematics - Engineering- Science and Medical Studies, Euro Asia 5th. International Congress on Applied Sciences, Adana, Turkey, 15 - 17 November 2019, pp.420-427
- VI. **Energy, Exergy And Economic Analyses Of A Heat Pump Integrated With Solar Pond For Domestic Heating**
Atız A., Karakılçık H., Karakılçık M.
World Energy Strategies Congress and Exhibition (WESCE'19), İstanbul, Turkey, 26 - 28 August 2019, pp.109-113
- VII. **Parabolic Trough Solar Collectors With A Low-Temperature Geothermal Source For Electricity And Hydrogen Production**
ATIZ A., KARAKILÇIK H., KARAKILÇIK M.
World Energy Strategies Congress and Exhibition (WESCE'19), İstanbul, Turkey, 26 - 28 August 2019, pp.104-108
- VIII. **Investigation of Hydrogen Storage Potential of Tuz Golu Underground Salt Caverns**
San S., Karakılçık H., Karakılçık M.
World Energy Strategies Congress and Exhibition (WESCE'19), İstanbul, Turkey, 26 - 28 August 2019, pp.153-156
- IX. **Investigation of Underground Hydrogen Storage Areas**
KARAKILÇIK H.
World Energy Strategies Congress and Exhibition (WESCE2019), İstanbul, Turkey, 26 - 28 August 2019, pp.126-130
- X. **Power generation with integrated parabolic trough solar collectors based on solar energy and a low-grade temperature geothermal source**

ATIZ A., KARAKILÇIK H., KARAKILÇIK M.

4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Alanya/Antalya, Turkey, 25 - 27 April 2019

- XI. **Yeraltı Doğal Gaz Depolama Alanlarının Stratejik Öneminin İncelenmesi**
KARAKILÇIK H., KARAKILÇIK M.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Alanya/Antalya, Turkey, 25 - 27 April 2019, pp.1016-1022
- XII. **Evaluation of Landslide Potential of Dağdibi-Pozantı (Adana) Area with Seismic Refraction and Active Source Surface Wave Method (MASW)**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C., AKINCI A. C., ATMA Ö.
4th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 25 - 27 April 2019, vol.1, pp.897-901
- XIII. **Sedimentary and Stratigraphic Evidence for Changes from Transgressional to Regressional Deposition During Mid to Late Miocene in the Çukurova Region (S. Anatolia)**
Ünlügenç Ü. C., Akıncı A. C., Karakılçık H.
4th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 25 - 27 April 2019, vol.1, pp.634
- XIV. **Neojen Adana Havza'sındaki Erken Miyosen Yaşlı Platform Çökellerinin Sedimanter Özellikleri, Güney Türkiye**
ÜNLÜGENÇ Ü. C., AKINCI A. C., KARAKILÇIK H., ÖÇGÜN A. G.
Uluslararası Katılımlı 72. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 28 January - 01 February 2019, vol.1, pp.581-582
- XV. **Sedimentary Characteristics of Early Miocene Platform Sediments in the Neogene Adana Basin, Southern Turkey**
ÜNLÜGENÇ Ü. C., AKINCI A. C., KARAKILÇIK H., ÖÇGÜN A. G.
72nd Geological Congress of Turkey with international participation, Ankara, Turkey, 28 January - 01 February 2019, vol.1, no.1, pp.581-582
- XVI. **Investigation Of Hydrogen Production Performance Of An Integrated System Based On Low-Temperature Geothermal Resources And Solar Energy**
ATIZ A., KARAKILÇIK H., Erden M., KARAKILÇIK M.
9th International Symposium on Eastern Mediterranean Geology, Antalya, Turkey, 7 - 11 May 2018, pp.99-106
- XVII. **TERTIARY TECTONO-SEDIMENTARY DEVELOPMENT OF THE ÇUKUROVA REGION (S. TURKEY)**
ÜNLÜGENÇ Ü. C., AKINCI A. C., KARAKILÇIK H.
9th International Symposium on Eastern Mediterranean Geology, Antalya, Turkey, 7 - 11 May 2018, vol.1, pp.364-370
- XVIII. **Investigation Of Underground Energy Storage Reservoir**
KARAKILÇIK H., San S., KARAKILÇIK M.
9th International Symposium on Eastern Mediterranean Geology, Antalya, Turkey, 7 - 11 May 2018, pp.107-111
- XIX. **Determination of the Manganese ore deposit (Büyükeynelli-Sorgun/Yozgat) by using multi-electrode resistivity and IP methods**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C., AKINCI A. C., KARAN A., ÇOMULU B. H.
9th International Symposium on Eastern Mediterranean Geology, Antalya, Turkey, 7 - 11 May 2018, vol.1, pp.198-207
- XX. **Detection by resistivity method of marine diffusion in coastal units**
KARAKILÇIK H., Çomulu B. H.
9th International Symposium of the Eastern Mediterranean Geology (ISEMG 2018), Antalya, Turkey, 7 - 11 May 2018, vol.1, no.1, pp.73-79
- XXI. **Determination of the Manganese Ore Deposit (Büyükeynelli-Sorgun/Yozgat) by using Multi-Elektrode Resistivity and IP Methods**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C., AKINCI A. C., KARAN A., ÇOMULU B. H.
9th International Symposium on Eastern Mediterranean Geology, Antalya/Turkey, Antalya, Turkey, 07 May 2018,

vol.1, pp.83

- XXII. **Tertiary tectono-sedimentary development of the Cukurova region (S. Turkey)**
ÜNLÜGENÇ Ü. C., AKINCI A. C., KARAKILÇIK H.
9th International Symposium on Eastern Mediterranean Geology (ISEMG2018), Antalya, Turkey, 7 - 11 May 2018, pp.1-9
- XXIII. **Investigation of the performance of underground natural gas storage caverns in Turkey**
KARAKILÇIK M., San S., KARAKILÇIK H.
9th International Symposium of the Eastern Mediterranean Geology (ISEMG 2018), Antalya, Turkey, 7 - 11 May 2018, pp.64-72
- XXIV. **Investigation of Hydrogen Production Performance of an Integrated System Based On a Low Temperature Geothermal Resource and Solar Energy**
Atiz A., KARAKILÇIK H., Erden M., KARAKILÇIK M.
9th International Symposium on Eastern Mediterranean Geology (ISEMG2018), Antalya, Turkey, 7 - 11 May 2018, pp.101-109
- XXV. **Investigation of underground energy storage reservoirs**
KARAKILÇIK H., San S., KARAKILÇIK M.
9th International Symposium on Eastern Mediterranean Geology (ISEMG2018), Antalya, Turkey, 7 - 11 May 2018, pp.110-114
- XXVI. **The Effect on electricity and hydrogen production performance of the evacuated tube solar collectors with preheated inlet water by a solar pond**
Atiz A., KARAKILÇIK H., Erden M., KARAKILÇIK M.
14th International Conference on Energy Storage (EnerSTOCK2018), Adana, Turkey, 25 - 28 April 2018, pp.1200-1213
- XXVII. **Investigation of Underground Large Scale Hydrogen Storage: Salt Dome**
KARAKILÇIK H., KARAKILÇIK M.
4th International Conference on Energy Storage (EnerSTOCK2018), Adana, Turkey, 25 - 28 April 2018, pp.1480-1494
- XXVIII. **Investigation of hydrogen production performance of chlorine alkaline reactor integrated into a power generation system based on geothermal resources**
KARAKILÇIK H., Erden M., Atiz A., KARAKILÇIK M.
The 14th International Conference on Energy Storage (EnerSTOCK2018), Adana, Turkey, 25 - 28 April 2018, pp.1191-1199
- XXIX. **Neojen Adana Havzası'nın Tektono-Sedimanter Evrimi**
ÜNLÜGENÇ Ü. C., AKINCI A. C., KARAKILÇIK H.
Uluslararası Katılımlı 71. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 23 - 27 April 2018, vol.1, pp.123-124
- XXX. **Investigation of Hydrogen Storage Areas**
KARAKILÇIK H.
Investigation of Underground Hydrogen Storage Areas, 2nd International Hydrogen Technologies Congress (IHTEC2017, Adana, Turkey, 15 - 18 March 2017, vol.1, pp.224-229
- XXXI. **Determination of the manganese ore deposit Buyukeynelli-Sorgun/Yozgat) by using multi-electrode resistivity and IP methods**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C., AKINCI A. C., Karan A., Çomulu B. H.
9th International Symposium on Eastern Mediterranean Geology (ISEMG2018), Antalya, Turkey, 07 May 2017 - 11 May 2018, pp.198-207
- XXXII. **Determination of the manganese ore deposit Buyukeynelli-Sorgun/Yozgat) by using multi-electrode resistivity and IP methods**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C., AKINCI A. C., Karan A., Çomulu B. H.
9th International Symposium on Eastern Mediterranean Geology (ISEMG2018), Antalya, Turkey, 07 May 2017 - 11 May 2018, pp.198-207
- XXXIII. **Seismic Microzonation and Earthquake Risk Analysis Studies of Dumanlı-Düziçi Region**
Çomulu B. H., KARAKILÇIK H.

- Uluslararası Katılımlı 40. Yıl Jeoloji Sempozyumu, Adana, Turkey, 3 - 06 May 2017, pp.63
- XXXIV. **Determination of foundation depth in carrier systems of large structures**
KARAKILÇIK H., Çomulu B. H.
Uluslararası Katılımlı 40. Yıl Jeoloji Sempozyumu, Adana, Turkey, 3 - 06 May 2017, pp.184
- XXXV. **Investigation of the Underground Hydrogen Storage Structures**
KARAKILÇIK H.
2nd International Hydrogen Technologies Congress (IHTEC2017), Adana, Turkey, 15 - 18 March 2017, pp.223-228
- XXXVI. **Assessment of a Geothermal Based Integrated System For Power and Hydrogen Production**
KARAKILÇIK H., Erden M., KARAKILÇIK M.
2nd International Hydrogen Technologies Congress (IHTEC2017), Adana, Turkey, 13 - 15 March 2017, pp.229-233
- XXXVII. **Investigation of Magnetic Field Effect on Hydrogen Production Performance In Aqueous Methanol Electrolysis**
ARLI E., Baz Z., KARAKILÇIK H., KARAKILÇIK M., KILINÇEKER G., Sangun M. K.
2nd International Hydrogen Technologies Congress (IHTEC2017), Adana, Turkey, 13 - 15 March 2017, pp.273-278
- XXXVIII. **Exploring for geothermal resources with electromagnetic methods**
KARAKILÇIK H.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.1877-1883
- XXXIX. **Türkiye'nin son 20 yıldaki jeotermal potansiyelinin değerlendirilmesi**
KARAKILÇIK H.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.1884-1891
- XL. **ÇOK ELEKTROTLU REZİSTİVİTE YÖNTEMİ İLE SEVDİĞİN KIRŞEHİR VE ÇEVRESİNDEKİ JEOTERMAL SAHALARIN BELİRLENMESİ**
KARAKILÇIK H.
10th International Clean Energy Symposium, İstanbul, Turkey, 24 - 26 October 2016
- XLI. **Çok Elektrodlu Rezistivite ve IP Metodu İle BoksitCevherleşmelerinin Çamlıyayla Mersin Belirlenmesi**
KARAKILÇIK H., YAPICI N.
67.Türkiye Jeoloji. Kurultayı, Turkey, 6 - 08 April 2014
- XLII. **Kuvaterner Döneminde Deniz Seviyesi Değişimlerinin Nedenleri:Ahırkapı-Büyükçekmece Arasından (Marmara Denizi) Bir Örnek**
KARAKILÇIK H., Okyar M., ÜNLÜGENÇ Ü. C.
Mersin Üniversitesi Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü10.Yıl Sempozyumu, Mersin, Turkey, 15 October 2013 - 18 October 2003, pp.104
- XLIII. **Determination Of a Geothermal Energy Field With Audio-Magnetotelluric (AMT) Data At The South of Manisa**
KARAKILÇIK H.
The Sixth International Exergy, Energy and Environment Symposium, Rize, Turkey, 1 - 04 July 2013, pp.1
- XLIV. **Groundwater and salinity exploration by using vertical electrical sounding methods. A case study, Hatay area,**
KARAKILÇIK H.
7th International Syposium on Eastern Mediterranean Geology, Adana, Turkey, 18 - 22 October 2010, pp.175
- XLV. **Seismic stratigraphical investigation of İzmit bay with shallow seismic sections**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C.
7th International Syposium on Eastern Mediterranean Geology, Adana, Turkey, 18 - 22 October 2010, pp.163
- XLVI. **Late Quaternary Seismic Sequence Stratigraphy of Northern Continental shelf area of Marmara Sea Between Kumkapı and Büyükçekmece**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C., Okyar M.
7th International Syposium on Eastern Mediterranean Geology, Adana, Turkey, 18 - 22 October 2010, pp.39
- XLVII. **Depremlerin Maden İşletmelerine Olan Etkisi**

KARAKILÇIK H.

Maden İşletmelerinde İş Sağlığı ve Güvenliği Sempozyumu, Adana, Turkey, 19 - 29 November 2009, pp.1-9

- XLVIII. **Düşey Elektrik Sondaj (DES) Yöntemi ile Salihli (Manisa) Jeotermal Alanının Araştırılması**
Egemen U., KARAKILÇIK H.
İstanbul Üniversitesi Türkiye'nin Jeotermal Potansiyeli ve Arama Yöntemleri Sempozyumu, İstanbul, Turkey, 22 - 23 October 2009, pp.47-48
- XLIX. **Exploration of the Harlek (Kütahya) geothermal field by using vertical electrical sounding (VES)**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C., Kopaçlı A., Haşimoğlu A.
Çukurova Üniversitesi Jeoloji Mühendisliği Bölümü 30.Yıl Jeoloji Sempozyumu, Adana, Turkey, 25 - 27 October 2007, pp.248
- L. **Ovacık Ovasında (Silifke-İçel) D.E.S Yöntemiyle Tatlı Su ve Olası Tuzlu Su Girişiminin İncelenmesi**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C.
T.C. Enerji ve Tabii Kaynaklar Bakanlığı Devlet Su İşleri Genel Müdürlüğü, Hidrolojide İzotop Tekniklerinin Kullanılması Sempozyumu, Adana, Turkey, 21 - 25 October 2005, pp.281-296
- LI. **Late Quaternary Seismic Stratigraphy of the North of Continental Shelf of the Marmara Sea (Silivri-Kumkapı), NW Turkey**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C., Okyar M.
International Symposium on the Geodynamics of Eastern Mediterranean, Active Tectonics of the Aegean, İstanbul, Turkey, 15 - 18 June 2005, pp.113
- LII. **late quaternary seismic stratigraphy of the north of continental shelf of Marmara Sea (Silivri-Kumkapı)NW Turkey**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C., Okyar M.
International symposium on the geodynamics of eastern Mediterranean: active tectonics of the Aegean region, İstanbul, Turkey, 15 June 2005, pp.113
- LIII. **Özdirenç Yöntemi İle Çöp Döküm Alanlarında Yapılan Çalışmalara Bir Örnek:Güneşli Çöplüğü (Adana)**
Güzel M., KARAKILÇIK H., BOZDAĞ Ş.
57. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 8 - 12 March 2004, pp.283
- LIV. **Deniz Jeofiziğinde Kullanılan Akustik Metodlar:Uniboom**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C., Okyar M.
Mersin Üniversitesi Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü 10.Yıl Sempozyumu, Mersin, Turkey, 15 - 18 October 2003, pp.105
- LV. **Marmara Denizi Kuzey Kıta Sahanelindeki Geç Kuvaterner Yaşlı Sedimanların Yüksek Ayırmımlı Sığ Sismik Verilerle Yorumlanması**
KARAKILÇIK H., ÜNLÜGENÇ Ü. C., Okyar M.
55. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 11 - 15 March 2002, pp.149-150

Expert Reports

- I. **T. C. Ceyhan 2. Asliye Hukuk Mahkemesi 2009/75 Esas Sayılı Davası Bilirkişi Raporu**
ACAR A., Karakılçık H.
Ceyhan, 2. ASLİYE HUKUK MAHKEMESİ, pp.6, Adana, 2013

Supported Projects

KARAKILÇIK H., HUSSEIN M. J., Project Supported by Higher Education Institutions, Elektrik Rezistivite Metoduyla Somalilandde Sool ve Gebiley Bölgelerinde Yeraltısuyu Araştırması The Use of Electrical Resistivity Method for Groundwater Exploration in Sool and Gebiley Regions Somaliland, 2019 - 2022

KARAKILÇIK H., Project Supported by Higher Education Institutions, Jeotermal Alanların Elektrik ve Elektromanyetik

Yöntemlerle Belirlenmesi, 2016 - 2020

KARAKILÇIK M., Erden M., Çiloğulları M., KILINÇÇEKER G., KARAKILÇIK H., Project Supported by Higher Education Institutions, 2nd International Hydrogen Energy Technologies Congress (IHTEC2017), 2017 - 2017

KARAKILÇIK H., Project Supported by Higher Education Institutions, Çok Elektrotlu Rezistivite Yöntemi İle Sevdğin (Kırşehir) Ve Çevresindeki Jeotermal Sahaların Belirlenmesi, 2016 - 2017

Metrics

Publication: 78

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Non Academic Experience

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