

Asst. Prof. ÖZKAN CORUK

Personal Information

Office Phone: [+90 262 303 3143](tel:+902623033143)

Email: coruk@kocaeli.edu.tr

Web: <https://avesis.kocaeli.edu.tr/coruk>

Education Information

Doctorate, Istanbul University, Devletler Umumi Hukuku, Mühendislik Fakültesi Bölümü, Turkey 1985 - 1992

Post Graduate, Istanbul University, Devletler Umumi Hukuku, Mühendislik Fakültesi Bölümü, Turkey 1983 - 1985

Under Graduate, İstanbul University-Cerrahpaşa, Elektrik Programı, Finans-Bankacılık ve Sigortacılık, Turkey 1979 - 1983

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Engineering geology and geotechnical properties of grounds at the route of Thrace motorway , Istanbul University, Devletler Umumi Hukuku, Mühendislik Fakültesi Bölümü, 1992

Post Graduate, Engineering geology and grouting applications of Atatürk Dam, Istanbul University, Devletler Umumi Hukuku, Mühendislik Fakültesi Bölümü, 1985

Research Areas

Geological Engineering, Geology, Applied Geology, Hydrogeology and Hidrology, Urban Geology, Engineering Geology foundations, earthquakes, dams, reservoirs, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, 2018 - Continues

Assistant Professor, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, 1993 - 2018

Research Assistant, İstanbul Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1984 - 1993

Academic and Administrative Experience

Kocaeli Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1997 - 2009

Kocaeli Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1997 - 2000

Courses

SOIL MECHANICS, Under Graduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

ADVANCED ENGINEERING GEOLOGY, Post Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

ADVANCED ENGINEERING GEOLOGY, Doctorate, 2018 - 2019, 2019 - 2020

TUNNEL GEOLOGY, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

ADVANCED ROCK MECHANICS, Post Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

ENGINEERING GEOLOGY, Under Graduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

ADVANCED ROCK MECHANICS, Doctorate, 2018 - 2019, 2019 - 2020

ROCK MECHANICS, Under Graduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Advising Theses

Coruk Ö., Tünellerde Kullanılan Püskürtme Beton Kalitesini Etkileyen Agregata Özellikleri, Post Graduate, E.Güngören(Student), 2021

Coruk Ö., Soil Stabilization With Cement And Novocrete At Modernization Project Of Samsun-Kahm (Sivas) Railway, Post Graduate, B.YEMENİCİ(Student), 2019

Coruk Ö., Engineering Geological Properties Of Darıca-Bayramoğlu Wastewater Tunnel And Their Effects On Selection Of Tunnel Boring Machine (TBM) , Post Graduate, A.ALTUNTAŞ(Student), 2018

Coruk Ö., Engineering geology and geotechnical properties of soils on Azerbaijan Atbulaq-Sabirabad highway route, Post Graduate, S.BOZ(Student), 2013

Coruk Ö., Engineering geology of Bursaray B Stage route, Post Graduate, M.GÖNÜL(Student), 2009

Coruk Ö., Engineering Geology of the Coastal and Shallow Marine Deposits at the North of Izmit Bay, Post Graduate, Ş.Emel(Student), 2008

Coruk Ö., Engineering geology of Istanbul Tuzla Bay shallow sea and coastal sediments, Post Graduate, B.ŞİMŞEK(Student), 2008

Coruk Ö., Engineering geology investigation of Derince settlement area, Post Graduate, B.YAZICIOĞLU(Student), 2006

Coruk Ö., Hydrogeology of the Izmit basin, Post Graduate, H.DUMAN(Student), 2006

Coruk Ö., Evaluation of engineering geology characteristics of Kocaeli Körfez settlement area with Geographical Information Systems (GIS), Post Graduate, Ç.KAYABAŞLI(Student), 2005

Coruk Ö., The behavior of young sediments of the Izmit basin during an earthquake, Doctorate, A.KARAKAŞ(Student), 2005

Coruk Ö., East Bursa Plain hydrogeological modeling and problems, Doctorate, E.MERT(Student), 2003

Coruk Ö., The effect of soil properties on the structural damage caused by the 17 August 1999 earthquake in Gölcük-Değirmendere region, Post Graduate, U.MURAT(Student), 2002

Coruk Ö., Engineering geology features affecting the settlement planning of the İstanbul Yenidoğan Distric, Post Graduate, E.SANĞU(Student), 2001

Coruk Ö., Engineering Geology Investigation of the Area Between Büyükçekmece Hadımköy, Post Graduate, R.Osmançelebioğlu(Student), 2001

Coruk Ö., Engineering geology investigation of Yalova-Orhangazi Motorway route , Post Graduate, C.ÖZER(Student), 2000

Coruk Ö., The effect of the engineering geology and geotechnical characteristics of the Bolu Tunnel on the support system, Post Graduate, C.HÜSEYİN(Student), 1999

Coruk Ö., Engineering geology and grouting applications of Çanakkale Umurbey dam, Post Graduate, G.YENİTÜRK(Student), 1999

Taught Courses And Trainings

- Coruk Ö., Şenol S., Çivril K., SOIL STABILIZATION METHODS AND CONTROL TESTS, 2019 - 2019
- Coruk Ö., Şenol S., Çivril K., SOIL STABILIZATION METHODS and CONTROL TESTS, 2019 - 2019
- Coruk Ö., Dalgıç S., Mahmutoğlu Y., JEOTEKNİK EĞİTİM, 2017 - 2017
- Coruk Ö., GEOTECHNICAL COURSE, 2016 - 2016
- Coruk Ö., Karakaş A., Atmaca S., GEOLOGICAL AND GEOTECHNICAL SURVEY COURSE ON THE SETTLEMENT PLANNING, 2013 - 2013
- Coruk Ö., Mass Movements-Landslide, 2006 - 2006
- Coruk Ö., Karakaş A., Liquefaction, 2006 - 2006
- Coruk Ö., What is Soil Investigation and How is Done?, 2005 - 2005
- Hanna T., Toğrol E., Eroskay O., Coruk Ö., Course on GEOTECHNICAL ENGINEERING (and Related Computer Applications)Gete, 1993 - 1993

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Geomechanical, durability-hygrothermal and thermal shock properties of Kocaeli Kandira stone used as building stone in historical structures**
Karakaş A., Moralı G., Coruk Ö., Bozkurtoğlu E.
Environmental Earth Sciences, pp.1-15, 2021 (Journal Indexed in SCI)
- II. **Investigation of engineering properties for usability of Lefke stone (Osmaneli/Bilecik) as building stone**
Selim H. H. , Karakaş A., Coruk Ö.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.78, pp.6047-6059, 2019 (Journal Indexed in SCI)
- III. **Engineering geologic assessment of the slope movements and liquefaction failures of the 23 October 2011 Van earthquake (M-w=7.2)**
KARAKAŞ A., CORUK Ö., DOĞAN B.
NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol.13, no.4, pp.1113-1126, 2013 (Journal Indexed in SCI)
- IV. **A study of residuals for strong ground motions in Adapazari basin, NW Turkey, by ground motion prediction equations (GMPEs)**
Ulutaş E., Coruk Ö., Karakaş A.
STUDIA GEOPHYSICA ET GEODAETICA, vol.55, pp.213-240, 2011 (Journal Indexed in SCI)
- V. **Liquefaction Analysis of Soils in the Western Izmit Basin, Turkey**
Karakaş A., Coruk Ö.
ENVIRONMENTAL & ENGINEERING GEOSCIENCE, vol.16, pp.411-430, 2010 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Causes of Bursa Yıldırım district Mollaarap landslide and its improvement studies**
Coruk Ö., Kavak A.
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.26, no.8, pp.1408-1412, 2020 (National Refreed University Journal)
- II. **Geological and Engineering Properties of Lefke Stone (Osmaneli /Bilecik) used as Natural Building Stone in Old Structures**
Selim H. H. , Karakaş A., Coruk Ö.
DÜMF Mühendislik Dergisi, vol.10, no.3, pp.1019-1032, 2019 (Other Refereed National Journals)
- III. **Railway NovoCrete @ Applications in Ground Stabilization of In Railways**
Coruk Ö., Kavak A., Aydiner A.

- Demiryolu Mühendisliği Dergisi , vol.6, no.6, pp.73-78, 2017 (National Non-Refereed Journal)
- IV. **Engineering Geological Properties of Young Sediments is Anatolian Side of İstanbul and Gebze**
Karakaş A., Coruk Ö., Uysal T.
Uygulamalı Yerbilimleri Dergisi, vol.15, no.2, pp.38-48, 2016 (National Refreed University Journal)
- V. **Earthquake Reality and Urbanization In terms of geosciences**
Coruk Ö.
Deprem Gerçeği ve Kentleşme, pp.34-37, 2014 (National Non-Refereed Journal)
- VI. **Engineering Geologic Assessment of the Rock Slide Occurred in East of Izmit - Tavsantepe**
Karaağaç S., Karakaş A., Coruk Ö.
Uygulamalı Yerbilimleri Dergisi, vol.12, no.1, pp.1-9, 2013 (National Refreed University Journal)
- VII. **Impact of Mass Movements in the Kocaeli Province, Turkey**
Karakaş A., Coruk Ö.
Geology Today, vol.27, no.2, pp.70-73, 2011 (Refereed Journals of Other Institutions)
- VIII. **Nature and Human Settlements**
Coruk Ö., Kuvel F.
SEKA Kağıtçılık Dergisi, pp.18-20, 2000 (National Non-Refereed Journal)
- IX. **Engineering Geology Research in Structure and Settlement Fields**
Öztaş T., Coruk Ö.
Hazır Beton Dergisi, pp.48-52, 1999 (Other Refereed National Journals)
- X. **August 17, 1999: Transformation of a Natural Event into a Natural Disaster**
Öztaş T., Coruk Ö.
Hazır Beton Dergisi , pp.29-31, 1999 (National Non-Refereed Journal)
- XI. **Earthquake; Is It A Natural Disaster? Marmara Earthquake**
Coruk Ö., Kuvel F.
Seka Kağıtçılık Dergisi,, pp.14-19, 1999 (National Non-Refereed Journal)
- XII. **Wastewater and Recycling Recommendations in the Paper Industry**
Coruk Ö., Kuvel F.
SEKA Kağıtçılık Dergisi, pp.16-18, 1997 (National Non-Refereed Journal)
- XIII. **Engineering Geology of Edirne Kınalı Motorway**
Okay E., Coruk Ö.
Mühendislik Jeolojisi Türk Milli Komitesi Bülteni, vol.12, pp.5-10, 1991 (Other Refereed National Journals)
- XIV. **Engineering Geology in Motorway Projects**
Eroskay O., Coruk Ö.
Mühendislik Jeolojisi Türk Milli Komitesi Bülteni, vol.11, no.11, pp.19-24, 1989 (Other Refereed National Journals)
- XV. **Geotechnical Investigation of the Soils in the South of Yalova Çiftlikköy District**
Okay E., Gürpınar O., Coruk Ö.
Mühendislik Jeolojisi Türk Milli Komitesi Bülteni, vol.9, pp.7-13, 1987 (Other Refereed National Journals)
- XVI. **Atatürk Dam Engineering Geology and grouting Applications**
Coruk Ö.
Mühendislik Jeolojisi Türk Milli Komitesi Bülteni, vol.8, pp.50-51, 1986 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of Physical and Mechanical Properties of Kocaeli Kandıra Stone in Terms of Building Stone Usage**
Morali G., Karakaş A., Coruk Ö., Bozkurtoğlu E.
Uluslararası Katılımlı 73. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 24 - 28 May 2021, vol.1, no.144, pp.297-300
- II. **Microzonation Studies in Balıkesir Province and Its Counties**
Coruk Ö., Aksoy T., Gürbüz E., Ulu E., Yaman M., Öztürk M.
Uluslararası Katılımlı 73. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 24 - 28 May 2021, vol.1, no.144, pp.507-508

- III. **Reinforcement and Replanning Studies in Bursa Yıldırım District Mollaarap Landslide Area**
Coruk Ö., Kavak A., Sönmez M., Selcen Türkyılmaz N.
Uluslararası Katılımlı 73. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 24 - 28 May 2021, vol.1, no.144, pp.522-523
- IV. **Aggregate Properties Affecting Sprayed Concrete Quality Used in Tunnels**
Coruk Ö., Güngören E.
International Symposium on Engineering Natural Sciences and Architecture (ISENSA), III. Uluslararası Mühendislik Fen Bilimleri ve Mimarlık Sempozyumu (ISENSA), Kocaeli, Turkey, 16 April 2020, pp.76
- V. **Soil Improvement Applications with Novocrete® Technology in Bozkurt-Dinar Line of Denizli-Afyonkarahisar Railway Renewal Project**
Coruk Ö., Kavak A., Aydın A.
MÜHJEO'2019: Ulusal Mühendislik Jeolojisi ve Jeoteknik Sempozyumu, Denizli, Turkey, 3 - 05 October 2019, pp.81-87
- VI. **Usage Area Determination of Carbonate Rocks based on Material Properties around Kocaeli Hereke**
Öztürk M., Karakaş A., Coruk Ö.
MühJeo'2019, Denizli, Turkey, 3 - 05 October 2019, pp.665-671
- VII. **Causes and Remediation Studies of Mollaarap Landslide in Bursa Yıldırım District**
Coruk Ö., Kavak A., Sönmez M., Varlı G., Selcen Türkyılmaz N.
MÜHJEO'2019: Ulusal Mühendislik Jeolojisi ve Jeoteknik Sempozyumu, Denizli, Turkey, 3 - 05 October 2019, pp.301-308
- VIII. **Rehabilitation of Clayey Soil with Selected Additives**
Bilgen G., Kavak A., Coruk Ö.
18. ULUSAL KİL SEMPOZYUMU, Kocaeli, Turkey, 25 - 28 September 2019, pp.92-98
- IX. **Microzonation Studies and Obtained Findings in Settlements of Balıkesir Province and Districts**
Coruk Ö., Gürbüz E., Ulu E., Çetin S.
Balıkesir'in Afet Durumu ve Yönetimi Çalıştayı , Balıkesir, Turkey, 28 February - 01 March 2019, no.141, pp.93-107
- X. **NovoCrete® Technology and Applications in the Improvement of Soils with Cement**
Yemenici B., Coruk Ö.
71. Türkiye Jeoloji Kurultayı , Ankara, Turkey, 23 - 27 April 2018, pp.287-288
- XI. **Evaluation Of Geological And Geomechanical Properties Of Osmaneli (Bilecik) Lefke Building Stone**
Karakas A., Selim H. H. , Coruk Ö., Çatalbaş A., Taş Ö. K.
71. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 23 - 27 April 2018, pp.281-282
- XII. **Selection of Tunnel Boring Machine (TBM) for Darıca-Bayramoğlu Wastewater Tunnel and Contribution of the Engineering Geology Investigations to Project**
Altuntaş A., Coruk Ö.
MÜHJEO'2017: Ulusal Mühendislik Jeolojisi ve Jeoteknik Sempozyumu, Adana, Turkey, 12 September - 14 October 2017, pp.27-34
- XIII. **NovoCrete ® Technology and Applications in Stabilization of In-Situ Soils**
Yemenici B., Coruk Ö.
MÜHJEO'2017: Ulusal Mühendislik Jeolojisi ve Jeoteknik Sempozyumu, Adana, Turkey, 12 - 14 October 2017, pp.239-244
- XIV. **A New Binder Mineral for Cement Stabilized Road Pavement Soils**
Kavak A., Coruk Ö., Aydın A.
Sixth International Conference On Advances in Civil, Structural and Mechanical Engineering , Bangkok, Thailand, 25 - 26 February 2017, pp.68-71
- XV. **Evaluation of Current and Potential Aggregate Resources for Crushed Rock in the North of Kocaeli Province**
Karakas A., Coruk Ö.
7.Ulusal Kırmataş Sepozyumu, İstanbul, Turkey, 5 - 06 March 2015, pp.277-283
- XVI. **Aggregate Potential of Eocene Volcanic Rocks Around Yuvacik (Kocaeli)**
Karaağaç S., Karakaş A., Coruk Ö.
3. Uluslararası Mermer Ve Doğaltaşlar Kongresi, İzmir, Turkey, 6 - 08 February 2013, pp.14-15

- XVII. Determination of Soil Amplification and Predominant Period in Düzce Basin**
Ulutaş E., Coruk Ö., Karakaş A.
İstanbul International Geophysical Conference and Oil & Gas Exhibition, İstanbul, Turkey, 17 - 19 September 2012, pp.1-4
- XVIII. Hydrogeology of Izmit Basin**
Coruk Ö., Karakaş A.
Su Tüketimi Arıtma Yeniden Kullanım Sempozyumu, Bursa, Turkey, 2 - 05 June 2008, pp.153-163
- XIX. Groundwater Potential of Kocaeli Region**
Coruk Ö., Karakaş A.
Su Tüketimi Arıtma Yeniden Kullanım Sempozyumu, Bursa, Turkey, 2 - 05 June 2008, pp.163
- XX. Geology and Engineering Geology of Izmit and its Near Area**
Coruk Ö., Karakaş A.
TMMOB Kocaeli Kent Sempozyumu, Kocaeli, Turkey, 6 - 08 December 2007, pp.174-185
- XXI. Liquefaction Potential of Izmit Basin Young Sediments**
Karakaş A., Coruk Ö.
TMMOB Kocaeli Kent Sempozyumu, Kocaeli, Turkey, 6 - 08 December 2007, pp.205-213
- XXII. Liquefaction Analysis of Young Sediments in Western Part of İzmit Basin**
Karakaş A., Coruk Ö.
International Earthquake Symposium Kocaeli 2007, Kocaeli, Turkey, 22 - 24 October 2007, pp.494-498
- XXIII. Assessment of Liquefaction Potential of Gölcük Soils with GIS Method**
Koç G., Karakaş A., Coruk Ö.
International Symposium "The Importance of the City Information System in Earthquake Regions Deprem Bölgelerinde CBS'nin Önemi Uluslararası Sempozyum, Kocaeli, Turkey, 6 - 07 September 2007, pp.211-223
- XXIV. Izmit Settlement Area Geographic Information Systems Based Seismic Micro-zoning**
Özer M. F. , Coruk Ö., Kenar Ö., Aşçı M., Ulutaş E., Güven İ. T. , Karakaş A., Çetinel T., Tunç B., Mert E., et al.
Kocaeli 2003 Deprem Sempozyumu, Kocaeli, Turkey, 12 - 14 March 2003, pp.136-137
- XXV. GIS Applications for Transport of Aggregate from the Quarry to the Usage Area**
Karakaş A., Coruk Ö.
2. Ulusal Kırmataş Sempozyumu, İstanbul, Turkey, 7 - 11 June 1999, pp.331-340
- XXVI. A Cooperation Proposal Between Municipalities and Geological Engineering Discipline**
Öztaş T., Coruk Ö.
Kentleşme ve Jeoloji, İstanbul, Turkey, 19 - 20 November 1998, pp.291-300
- XXVII. Effects of Geological Factors in the Selection of New Settlements and Applications in Local Government**
Coruk Ö.
Kentleşme ve Jeoloji Sempozyumu, İstanbul, Turkey, 19 - 20 November 1998, pp.7
- XXVIII. Slope Stability in İstanbul Green Clay and Effects to Urbanization**
Coruk Ö.
International Symposium on Geology and Environment GEONV'97, İstanbul, Turkey, 1 - 05 September 1997, pp.88
- XXIX. Causes and Effects of Decreasing Groundwater Level in İzmit Basin and Protection Methods**
Coruk Ö., Özer C., Mert E.
International Symposium on Geology and Environment GEONV'97, İstanbul, Turkey, 1 - 05 September 1997, pp.232
- XXX. Wastewater and Recycling in the Paper Industry**
Coruk Ö., Kuvel F.
Su ve Çevre Sempozyumu , İstanbul, Turkey, 2 - 05 June 1997, pp.2213-220
- XXXI. Protection of Groundwater Basins, The Case of Izmit Basin**
Coruk Ö., Özer C., Mert E.
Su ve Çevre Sempozyumu , İstanbul, Turkey, 2 - 05 June 1997, no.46, pp.331-338
- XXXII. İstanbul Sazlıdere Dam Grouting Applications**
Süleyman D., Coruk Ö., Hasan A.

KTÜ, Jeoloji Mühendisliği Bölümü 30. Yıl Sempozyumu, Trabzon, Turkey, 14 - 17 October 1996, vol.1, pp.395-403

XXXIII. Stabilization of Slopes in İstanbul Green Clay

Toğrol E., Eroskay O., Lord A., Coruk Ö.

11th European Conference on Soil Mechanics and Foundation Engineering, Kobenhavn, Denmark, 28 May - 01 June 1995, vol.8, pp.161-166

XXXIV. Geotechnical Properties of Babaeski Clay on the Thrace Motorway

Coruk Ö.

TMMMOB-JMO Türkiye Jeoloji Kurultayı , Ankara, Turkey, 8 - 12 February 1993, pp.63-67

Other Publications

I. Soil Mechanics Lecture Notes (Introduction to Soil Mechanics)

Coruk Ö., Karakaş A.

Lecture Note, pp.1-78, 2012

II. Rock Mechanics Lecture Notes

Coruk Ö., Karakaş A.

Lecture Note, pp.1-72, 2008

Supported Projects

Coruk Ö., Kavak A., Technopark, SAFI Derince International Port Project Investigation of Geotechnical Properties of Port Embankment Layers, Embankment Slope Stability and Improvement of Soil Layers in Embankment, 2019 - 2019

Coruk Ö., Kavak A., Technopark, Bursa Yıldırım Municipality, Mollaarap District, Research and Development Project on the investigation of the improvement methods of the landslide that occurred on the excavation slope, the improvement project, development, inspection, control and consultancy, 2018 - 2019

Selim H. H. , Coruk Ö., Karakaş A., Project Supported by Higher Education Institutions, Investigation of the Engineering Properties of Lefke Stone (Osmaneli / BİLECİK) and Its Usability as a Building Stone, 2017 - 2019

Coruk Ö., Kavak A., Technopark, Yalova Gemi İhtisas Organized Industrial Zone (GİOSB) Infrastructure-Ground Works, Excavation Slopes and Earth Fill Manufacturing Works Research and Development Project, 2017 - 2018

Coruk Ö., Kavak A., Ministry of Transport, Stabilization and Improvement of the Engineering Properties of the Soils In Place By an Pozzolanic, Powder, Pure Binder, 2016 - 2018

Coruk Ö., Kavak A., Technopark, Anadolu Motor (ANTOR) Çayırova District, Şekerpınar Production and Storage Facility Area, Investigation of Damages and Deformations in the Earth Wall at the Southwest Border, Identification of Causes and Solution Suggestions and Identification of Improvement Methods, 2017 - 2017

Karakaş A., Coruk Ö., Project Supported by Higher Education Institutions, Determination of Aggregate Potential and Quality of Carbonate Rocks in Northern Kocaeli, 2009 - 2012

Coruk Ö., Karakaş A., Mert E., Project Supported by Higher Education Institutions, Groundwater Potential and Quality of Izmit Basin, 2002 - 2003

Özer M. F. , Coruk Ö., Karakaş A., TUBITAK Project, Geographical Information Systems (GIS) Based Seismic Microzonation of Izmit and its Vicinity, 2000 - 2001

Coruk Ö., Project Supported by Higher Education Institutions, Preparation of Engineering Geology Maps of Izmit and its vicinity by Geographical Information System, 1999 - 2000

Excavation And Surface Survey

Gürer Ö. F. , Coruk Ö., Sanğu E., Archaeological Excavation, Sakarya İli, Hendek İlçesi, Karadere Mahallesi 142/9 Ve 142/16 Nolu Parsellerine Ait Paleosismolojik Amaçlı Hendek (Trench) Çalışmaları ve Raporlama, 2019 - 2019

Gürer Ö. F. , Coruk Ö., Ulutaş E., Sanğu E., Surface Survey, Manisa İli, Alaşehir İlçesi, Akkeçili Köyü, Jeotermal İşletme

Ruhsatlı Kuyudaki Hasarların Depremlerle İlişkisinin Değerlendirilmesi, 2019 - 2019

Gürer Ö. F. , Coruk Ö., Sanğu E., Archaeological Excavation, G24d01d01a-G24d01a04d Ve G24d05c02b Paftalarında Yer Alan 17 Ağustos 1999 Depreminin Oluşturduğu Yüzey Faylanması ve Tampon Bölgenin Devamlılığının Paftalar Arasındaki Uyuşmazlığının Giderilmesine Yönelik Paleosismolojik Amaçlı Hendek (Trench) Çalışmaları ve Raporlama, 2019 - 2019

Gürer Ö. F. , Coruk Ö., Sanğu E., Archaeological Excavation, Yeşilyurt-Kurugöl ve Susuz-Karkın Arasında Yer Alan Olası Kuvaterner Faylarının/Çizgiselliklerinin Mucur İlçe Sınırları İçerisinde Kalan Kısımlarına Yönelik Paleosismolojik Amaçlı Hendek (Trench) Çalışmaları ve Raporlama, 2019 - 2019

Gürer Ö. F. , Coruk Ö., Sanğu E., Surface Survey, Bursa İli, Yıldırım İlçesi, Mollaarap Mahallesi, 559 Ada 10 Ve 11 Numaralı Parsellere Ait Alan Ve Yakın Dolayındaki Fayların Araştırılması Ve Aktivitesinin Değerlendirilmesi, 2018 - 2018

Gürer Ö. F. , Coruk Ö., Sanğu E., Archaeological Excavation, Düzce İli, Çilimli İlçesi, Çilimli Belediyesi İlave+Revize İmar Planına Esas Jeolojik ve Jeoteknik Etüt Yapımı İşi Projesi Kapsamında, Paleosismolojik Amaçlı Arazi ve Hendek (Trench) Çalışmaları ve Raporlama, 2017 - 2017

Gürer Ö. F. , Coruk Ö., Sanğu E., Archaeological Excavation, Yalova İli, Çınarcık İlçesi, Teşvikiye Belde Belediyesi Sınırlarında Kalan 1/1000 Ölçekli G22D12A1C, G22D12A2C, G22D12A3B, G22D12A4B, G22D12B1D, G22D12B4A, G22D12A3A, G22D12A2D Paftalarına Ait İlave+Revize İmar Planına Esas Jeolojik ve Jeoteknik Etüt Yapımı İşi Projesi Kapsamında, Paleosismolojik Amaçlı Arazi ve Hendek (Trench) Çalışmaları ve Raporlama, 2017 - 2017

Gürer Ö. F. , Coruk Ö., Sanğu E., Surface Survey, Yalova İli, Merkez İlçesi, Soğucak Köyü, 1/1000 Ölçekli G22.C16a2a-G22.C16.A2b- G22.C16.A2c- G22.C16.A2d Nolu Paftalarındaki Alanın İmar Planına Esas Jeolojik-Jeoteknik Etüdü Kapsamında Proje Alanı Yakın Dolayındaki Fayların Araştırılması Ve Aktivitesinin Değerlendirilmesi, 2017 - 2017

Gürer Ö. F. , Coruk Ö., Sanğu E., Surface Survey, Paleoseismological Field Studies and Reporting within the Scope of 1 / 5.000-1 / 1.000 Scale Geological and Geotechnical Survey Project Based on 1 / 5.000-1 / 1.000 Scaled Protection Zoning Plan in Izmir Province Karaburun District Kuyucak, İskele, Center and Saip Areas, 2016 - 2016

Gürer Ö. F. , Coruk Ö., Sanğu E., Archaeological Excavation, Paleosismological Field and Trench Studies and Reporting within the Kocaeli Province Gölcük County 1 / 1.000 Scale G23c01c1c-G23c01c1d Sheets 64 Block 6-7-8 Parcels, 175 Block 2 Parcel and 191 Block 12 Parcel Revise Development Plan Based on Geological and Geotechnical Investigation project. , 2015 - 2015

Gürer Ö. F. , Coruk Ö., Sanğu E., Archaeological Excavation, Geological and Geotechnical Investigation Project, Geology, Engineering Geology, for Paleoseismological Purposes Trench Studies and Reporting, Based on 1/5000 and 1/1000 Scale Development Plan in Tekirdağ Province, Şarköy County Gaziköy District, 2015 - 2015

Gürer Ö. F. , Coruk Ö., Sanğu E., Archaeological Excavation, Geological and Geotechnical Investigation Project, Geology, Engineering Geology, for Paleoseismological Purposes Trench Studies and Reporting Based on the Construction Plan of the Tekirdağ Metropolitan Municipality Sarköy County, Mursallı, Yörgüç, Sofuköy, Güzelköy, Gölcük and Yayaköy Districts., 2015 - 2015

Memberships / Tasks in Scientific Organizations

Mühendislik Jeolojisi Derneği, Member, 2013 - Continues, Turkey

Scientific Refereeing

DSİ TEKNİK BÜLTENİ, National Scientific Refreed Journal, January 2019

TÜRKİYE JEOLJİ BÜLTENİ, National Scientific Refreed Journal, August 1998

Scientific Consultations

Balıkesir Province, Bandırma, Erdek, Marmara, Gönen, Manyas, Susurluk, Sındırgı, Kepsut, Bigadiç Counties 19292,25 Hectare Area Microzonation Investigation Project Based on the Development Plan, Analiz Company Balıkesir

Metropolitan Municipality, Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, Turkey, 2016 - 2017

Balıkesir Province, Ayvalık, Edremit, Gömeç, Burhaniye, Havran, İvrindi, Balya, Savaştepe Counties 14.240,23 Hectare Area Microzonation Investigation Project Based on the Development Plan, Analiz Company- Balıkesir Metropolitan Municipality, Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, Turkey, 2016 - 2016

Anadolu Motor (ANTOR) Production and Marketing Company, Şekerpınar Production-Storage Facility, Support of Excavation Slope Project (Project Consultant). LOGO Management Construction Industry and Trade Limited Company. , Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, Turkey, 2014 - 2014

ADEL-FABER Trade and Industry Company, Şekerpınar Production-Storage Facility, Project of Jet-Grouting Application for Soil Improvement (Project Consultant). LOGO Management Construction Industry and Trade Limited Company., Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, Turkey, 2014 - 2014

EURASIA TUNNEL, ISRCP Istanbul Highway Bosphorus Crossing Project, ATAS/YAPI MERKEZİ-DLH, ZEMAR , Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, Turkey, 2012 - 2012

Adapazarı-Istanbul North Crossing High Speed Train Line Study, Project, TCDD, SWS (ITALY)-ZEMAR , Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, Turkey, 2011 - 2012

Ereğli Demir ve Çelik Fabrikaları T.A.Ş. Ground Research Drilling in Various Fields within the Scope of Erdemir Projects and Preparation of Geotechnical Report , Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, Turkey, 2010 - 2010

MARMARAY-CR1 Project, Performance Evaluation of Km: 01 + 392 Söğütlüçeşme Viaduct Performance Evaluation, Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, Turkey, 2009 - 2009

Kocaeli Province Water Resources Inventory Project, Kocaeli Büyükşehir Belediyesi-İSU Genel Müdürlüğü, Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, Turkey, 2007 - 2007

Marmaray CR1 Gebze-Haydarpaşa, Sirkeci-Halkalı Improvement of Suburban Lines Project, AMD/DOĞUŞ İNŞAAT-DLH, CEMRE-ZEMAR Ortak Girişimi, , Scientific Consultancy, Kocaeli University, Mühendislik Fakültesi, Jeoloji Mühendisliği, Turkey, 2007 - 2007

Tasks In Event Organizations

Coruk Ö., Engineering Architecture Education Symposium, Scientific Congress, İstanbul, Turkey, Ekim 1999

Coruk Ö., 2nd National Crushed Stone Symposium, Scientific Congress, İstanbul, Turkey, Haziran 1999

Yüzer E., Coruk Ö., Urbanization and Geology Symposium, Scientific Congress, İstanbul, Turkey, Kasım 1998

Coruk Ö., Water and Environment Symposium, Scientific Congress, İstanbul, Turkey, Haziran 1997

Edit Congress and Symposium Activities

Disaster Condition and Management Workshop of Balıkesir Province, Invited Speaker, Balıkesir, Turkey, 2019

The Reality of EARTHQUAKE from Yesterday to Tomorrow, UCTEA (Union of Chambers of Turkish Engineers and Architects), Panelists, Kocaeli, Turkey, 2018

Earthquake Sensitivity Activity, UCTEA (Union of Chambers of Turkish Engineers and Architects) , Invited Speaker, Kocaeli, Turkey, 2015

EARTHQUAKE Reality and Urbanization Workshop, Invited Speaker, Kocaeli, Turkey, 2014

Bülent Ecevit University Earth Sciences Research and Application Center Geology Conferences, Invited Speaker, Zonguldak, Turkey, 2013

Water Problems of Kocaeli Province, Panelists, Kocaeli, Turkey, 2009

Citations

Total Citations (WOS):12

h-index (WOS):3

Invited Talks

Forgotten from the 17 August 1999 Earthquake, Conference, 21st Year of the 1999 Marmara Earthquake Commemoration Activities, UCTEA (Union of Chambers of Turkish Engineers and Architects), Turkey, August 2020
Before and After the Earthquake, Conference, Neighborhood Disaster Volunteers (MAG), Turkey, August 2008

Awards

Coruk Ö., Karakaş A., IAEG (International Associate of Engineering Geology) Turkish National Committee, Erguvanlı Engineering Geology Best Article Award , Uluslararası Mühendislik Jeolojisi Türk Milli Komitesi, International Associate Of Engineering Geology Turkish National Committee, June 2011
Coruk Ö., UCTEA, Chamber of Geological Engineers Serving Award , Tmmob Jeoloji Mühendisleri Odası, Uctea, Chamber Of Geological Engineers, February 1998
Coruk Ö., IAEG (International Associate of Engineering Geology) Turkish National Committee, Best Master's Thesis Award, Uluslararası Mühendislik Jeolojisi Birliği Türk Milli Komitesi, International Associate Of Engineering Geology Turkish National Committee , February 1986

Visual Activities

Coruk Ö., Emergency Bag, TV / Radio Training Program in Corporate Studios, 2015 - 2015