

# Prof. Ekrem KALKAN

## Personal Information

Office Phone: [+90 442 816 4478](tel:+904428164478)

## Education Information

Doctorate, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Anabilim Dalı, Turkey 1997 - 2003

Post Graduate, Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği Anabilim Dalı, Turkey 1993 - 1997

Under Graduate, Selçuk Üniversitesi, Mühendislik-Mimarlık Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1985 - 1990

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Oltu (Erzurum) killerinin bariyer olarak kullanımında geoteknik özelliklerinin iyileştirilmesi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Anabilim Dalı, 2003

Post Graduate, Sivas Tersiyer Havzasının Kuzey Kenarının Çırçır Hamzaşeyh Köyleri (Sivas KB) arasındaki kesiminin jeolojik özellikleri, Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği Anabilim Dalı, 1997

## Research Areas

Environmental Engineering, Environmental Sciences, Environmental Chemistry, Geological Engineering, Applied Geology, Environmental Geology and Geophysics, Engineering Geology foundations, earthquakes, dams, reservoirs, Civil Engineering, Geotechnical, Soil Mechanics, Ground Improvement, Engineering and Technology

## Academic Titles / Tasks

Professor, Atatürk Üniversitesi, Oltu Yer Bilimleri Fakültesi, Jeoloji Mühendisliği Bölümü, 2014 - Continues

Associate Professor, Atatürk Üniversitesi, Oltu Yer Bilimleri Fakültesi, Jeoloji Mühendisliği Bölümü, 2009 - 2014

Assistant Professor, Atatürk Üniversitesi, Oltu Meslek Yüksek Okulu, İnşaat, 2004 - 2009

Expert, Atatürk Üniversitesi, Deprem Araştırma Merkezi, Deprem Araştırma Merkezi, 1990 - 2004

## Professional Experience

Dean, Ataturk University, Oltu Yer Bilimleri Fakültesi, 2017 - Continues

Head of Department, Ataturk University, Oltu Yer Bilimleri Fakültesi, Jeoloji Mühendisliği, 2017 - Continues

Board Member, Atatürk Üniversitesi, Oltu Beşeri Ve Sosyal Bilimler Fakültesi, 2016 - Continues

University Executive Board Member, Atatürk Üniversitesi, Atatürk Üniversitesi, 2016 - Continues

Head of Department, Ataturk University, Oltu Yer Bilimleri Fakültesi, Jeoloji Mühendisliği, 2011 - Continues

Member of the Senate, Atatürk Üniversitesi, Oltu Yer Bilimleri Fakültesi, 2010 - Continues

Head of Department, Atatürk Üniversitesi, Oltu Yer Bilimleri Fakültesi, Jeoloji Mühendisliği, 2010 - Continues

Head of Department, Atatürk Üniversitesi, Oltu Yer Bilimleri Fakültesi, Jeoloji Mühendisliği, 2009 - Continues

Vice Dean, Atatürk Üniversitesi, Oltu Yer Bilimleri Fakültesi, 2009 - 2016

Board Member, Atatürk Üniversitesi, Oltu Yer Bilimleri Fakültesi, 2009 - 2016

Board Member, Atatürk Üniversitesi, Oltu Meslek Yüksekokulu, 2005 - 2012

## Courses

Jeolojide Zemin ve Zemin Davranışları, Post Graduate, 2017 - 2018  
İleri Çevre Jeolojisi, Post Graduate, 2017 - 2018  
Doğal Afetler ve Yerbilimleri, Doctorate, 2016 - 2017  
İleri Zemin Mekaniği, Post Graduate, 2016 - 2017  
Zeminlerin Mühendislik Özellikleri, Post Graduate, 2015 - 2016  
Nanojeoloji, Doctorate, 2015 - 2016  
Kil Mineralojisi ve Kil Minerallerinin Endüstride Kullanımı, Post Graduate, 2015 - 2016  
Deneysel Mühendislik Jeolojisi, Doctorate, 2015 - 2016  
Tıbbi Jeoloji, Doctorate, 2015 - 2016  
Jeolojik Tasarım, Under Graduate, 2013 - 2014  
Bilgisayar Destekli Jeolojik Tasarım, Under Graduate, 2013 - 2014  
Jeolojide Malzeme Bilimi, Under Graduate, 2013 - 2014  
Jeolojik Harita Yorumlama, Under Graduate, 2012 - 2013  
Mühendislik Çizimi, Under Graduate, 2012 - 2013  
Endüstriyel Mineraller ve Kayalar, Under Graduate, 2012 - 2013  
Kürenin İç Yapısı ve Levha Tektoniği, Under Graduate, 2011 - 2012  
Saha Jeolojisi, Under Graduate, 2011 - 2012  
Yapısal Jeoloji ve Tektonik, Under Graduate, 2010 - 2011  
Yapı Statiği, Associate Degree, 2008 - 2009  
Karayolu İnşaatı, Associate Degree, 2008 - 2009  
Hidrolik ve Hidroloji, Associate Degree, 2007 - 2008  
Büro ve Şantiye Organizasyonu, Associate Degree, 2007 - 2008  
Betonarme, Associate Degree, 2007 - 2008  
Malzeme Bilmi ve Yapı Malzemesi, Associate Degree, 2007 - 2008  
Beton Teknolojisi, Associate Degree, 2007 - 2008  
Yapı Teknolojisi, Associate Degree, 2007 - 2008  
Yapı Mimarisi ve Detay Çizimleri, Associate Degree, 2006 - 2007

## Advising Theses

KALKAN E., Yüksek Sıcaklık Etkisi Altında İyidere Tüfünün Fiziksel ve Mekanik Özelliklerinde Meydana Gelen Değişimlerin Araştırılması, Post Graduate, H.GÜN(Student), Continues  
KALKAN E., Karabük Bölgesinin FR ve AHP Yöntemleri kullanılarak CBS tabanlı heyelan duyarlılık haritalarının üretilmesi. Atatürk Üniversitesi, Post Graduate, V.Emre(Student), 2018  
KALKAN E., Köprüköy (Erzurum) termal çamur ve suyunun jeokimyasal özellikleri ve termal çamurda oluşan yosunun giderilmesinin araştırılması, Post Graduate, S.KILIÇ(Student), 2018  
KALKAN E., Pertek Jeotermal Alanının hidrojeokimyasal özelliklerinin incelenmesi, Post Graduate, A.AKKUŞ(Student), 2016

## Jury Memberships

Doctorate, Doktora Tez Savunması, Karadeniz Teknik Üniversitesi, July, 2018  
Post Graduate, Tez Savunma Jürisi, Atatürk Üniversitesi, March, 2018  
Doctoral Examination, Doktora Yeterlik Jürisi, Atatürk Üniversitesi, February, 2018  
Post Graduate, Tez Savunma Jürisi, Ağrı İbrahim Çeçen Üniversitesi, February, 2018  
Post Graduate, Yüksek Lisans Tez Savunması, Ağrı İbrahim Çeçen Üniversitesi, February, 2018  
Post Graduate, Yüksek Lisans Tez Savunması, Yüzüncü Yıl Üniversitesi, July, 2015

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

- **Fenton process-driven decolorization of Allura Red AC in wastewater using apolaccase-modified or native nanomagnetite immobilized on silica fume**  
 ALAYLI GÜNGÖR A., NADAROĞLU H., KALKAN E., ÇELEBİ N.  
 Desalination and Water Treatment, vol.57, pp.15889-15899, 2016 (Journal Indexed in SCI)
- **Removal of copper from copper-contaminated river water and aqueous solutions using Methylobacterium extorquens modified Erzurum clayey soil**  
 ÇELEBİ N., NADAROĞLU H., KALKAN E., KOTAN R.  
 ARCHIVES OF ENVIRONMENTAL PROTECTION, vol.42, pp.58-69, 2016 (Journal Indexed in SCI Expanded)
- **Removal of copper from copper contaminated river water and aqueous solutions using Methylobacterium extorquens modified Erzurum clayey soil**  
 ÇELEBİ N., NADAROĞLU H., KALKAN E., KOTAN R.  
 Archives of Environmental Protection, vol.42, 2016 (Journal Indexed in SCI Expanded)
- **Changes in the chemical composition of an acidic soil treated with marble quarry and marble cutting wastes**  
 Tozsın G., ÖZTAŞ T., AROL A. İ. , KALKAN E.  
 CHEMOSPHERE, vol.138, pp.664-667, 2015 (Journal Indexed in SCI)
- **Equilibrium studies of copper ion adsorption onto modified kernel of date (Fructus dactylus)**  
 Nadaroğlu H., KALKAN E., Celik H.  
 INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.12, pp.2079-2090, 2015 (Journal Indexed in SCI)
- **Experimental Study to Remediate Acid Fuchsin Dye Using Laccase-Modified Zeolite from Aqueous Solutions**  
 KALKAN E., NADAROĞLU H., ÇELEBİ N., Celik H., Tasgin E.  
 POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.24, pp.115-124, 2015 (Journal Indexed in SCI)
- **Equilibrium Studies Of Copper Ion Adsorption onto Modified And Powdered Kernel of Date Fructus dactylus**  
 NADAROĞLU H., KALKAN E., ÇELİK H.  
 International Journal Of Environmental Science And Technology, vol.12, pp.2079-2090, 2015 (Journal Indexed in SCI Expanded)
- **The effects of marble wastes on soil properties and hazelnut yield**  
 Tozsın G., ÖZTAŞ T., AROL A. İ. , KALKAN E., DUYAR O.  
 JOURNAL OF CLEANER PRODUCTION, vol.81, pp.146-149, 2014 (Journal Indexed in SCI)
- **Removal of textile dye Reactive Black 5 from aqueous solution by adsorption on laccase-modified silica fume**  
 KALKAN E., NADAROĞLU H., ÇELEBİ N., Tozsın G.  
 DESALINATION AND WATER TREATMENT, vol.52, pp.6122-6134, 2014 (Journal Indexed in SCI)
- **Use of Silica Fume as Low-Cost Absorbent Material for Nickel Removal from Aqueous Solutions**  
 KALKAN E., Nadaroğlu H., Çelebi N.  
 ASIAN JOURNAL OF CHEMISTRY, vol.26, pp.6121-6126, 2014 (Journal Indexed in SCI Expanded)
- **Equilibrium, kinetic and thermodynamic studies on adsorption of Reactive Black 5 dye by laccase modified-red mud from aqueous solutions**  
 Nadaroğlu H., KALKAN E., Çelebi N.  
 FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.70-83, 2014 (Journal Indexed in SCI Expanded)
- **Equilibrium, kinetic and thermodynamic studies on adsorption of Reactive Black 5 dye by laccase modified-red mud from aqueous solutions**  
 Nadaroğlu H., KALKAN E., Çelebi N.  
 FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.70-83, 2014 (Journal Indexed in SCI Expanded)
- **Removal of copper from aqueous solution using activated silica fume with without apocarbonic anhydrase**  
 NADAROĞLU H., KALKAN E.  
 Indian Journal Of Chemical Technology, vol.21, pp.249-256, 2014 (Journal Indexed in SCI)
- **Removal of copper from aqueous solutions by using Berriasiyen Aptian aged micritic limestone**  
 NADAROĞLU H., KALKAN E., ÇELEBİ N.

Carpathian Journal Of Earth And Environmental Sciences, vol.9, pp.69-80, 2014 (Journal Indexed in SCI Expanded)

- **Use of Silica Fume as Low Cost Absorbent Material for Nickel Removal from Aqueous Solutions**

KALKAN E., NADAROĞLU H., ÇELEBİ N.

Asian Journal Of Chemistry, vol.26, 2014 (Journal Indexed in SCI Expanded)

- **Use of Silica Fume as Low cost Absorbent Material for Nickel Removal from Aqueous Solutions 26 18 6121 6126 2014**

KALKAN E., NADAROĞLU H., ÇELEBİ N.

Asian Journal Of Chemistry, vol.26, pp.6121-6126, 2014 (Journal Indexed in SCI Expanded)

- **Removal of copper from aqueous solutions by using micritic limestone**

NADAROĞLU H., KALKAN E., ÇELEBİ N.

Carpathian Journal of Earth and Environmental Sciences, vol.9, pp.69-80, 2014 (Journal Indexed in SCI Expanded)

- **Removal of Copper From Aqueous Solutions by Using Micritic Limestone**

Nadaroğlu H., KALKAN E., Çelebi N.

CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES, vol.9, pp.69-80, 2013 (Journal Indexed in SCI Expanded)

- **Preparation of scrap tire rubber fiber-silica fume mixtures for modification of clayey soils**

Kalkan E.

APPLIED CLAY SCIENCE, pp.117-125, 2013 (Journal Indexed in SCI)

- **Use of marble dust waste material for stabilization of compacted clayey soils**

KALKAN E., Yarbaşı N.

JOKULL, vol.63, pp.322-344, 2013 (Journal Indexed in SCI Expanded)

- **Use of marble dust waste material for stabilization of compacted clayey soils**

KALKAN E., Yarbaşı N.

JOKULL, vol.63, pp.322-344, 2013 (Journal Indexed in SCI Expanded)

- **The Evaluation of Affection of Methylobacterium extorquens - Modified Silica Fume for Adsorption Cadmium (II) Ions From Aqueous Solutions Affection**

NADAROĞLU H., ÇELEBİ N., KALKAN E., DİKBAŞ N.

KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.19, pp.391-397, 2013 (Journal Indexed in SCI)

- **Water Purification of textile dye Acid red 37 by adsorption on laccase modified silica fume**

NADAROĞLU H., ÇELEBİ N., KALKAN E., TOZSİN G.

Jokull, vol.63, pp.87-113, 2013 (Journal Indexed in SCI Expanded)

- **Methylobacterium extorquens Modified Silica Fume for Adsorption of Cadmium Ions From Aqueous Solutions**

NADAROĞLU H., ÇELEBİ N., KALKAN E., DİKBAŞ N.

Kafkas Universitesi Veteriner Fakültesi Dergisi, vol.19, pp.391-397, 2013 (Journal Indexed in SCI)

- **Bacteria-Modified Red Mud for Adsorption of Cadmium Ions from Aqueous Solutions**

KALKAN E., NADAROĞLU H., DİKBAŞ N., Tasgin E., ÇELEBİ N.

POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.22, pp.417-429, 2013 (Journal Indexed in SCI)

- **Evaluation of thermal mud characteristics of Erzurum (Köprüköy) clayey raw materials (NE Turkey)**

KALKAN E., Canbolat M., Yarbaşı N., Özgül M.

INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.7, pp.5566-5576, 2012 (Journal Indexed in SCI Expanded)

- **Evaluation of thermal mud characteristics of Erzurum (Köprüköy) clayey raw materials (NE Turkey)**

KALKAN E., Canbolat M., Yarbaşı N., Özgül M.

INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.7, pp.5566-5576, 2012 (Journal Indexed in SCI Expanded)

- **REMOVAL OF As III FROM WASTEWATER USING ERZURUM CLAY SOIL**

ÇELEBİ N., NADAROĞLU H., KALKAN E.

Fresenius Environmental Bulletin, vol.21, pp.1982-1991, 2012 (Journal Indexed in SCI Expanded)

- **Removal of As (III) From Wastewater Using Erzurum Clay Soil**

Çelebi N., Nadaroğlu H., KALKAN E.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.1982-1991, 2012 (Journal Indexed in SCI Expanded)

- **Evaluation of Turkish black amber: a case study of the Oltu (Erzurum), NE Turkey**

KALKAN E., Bilici Ö., Kolaylı H.

INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.7, pp.2387-2397, 2012 (Journal Indexed in SCI Expanded)

- **Evaluation of Turkish black amber: a case study of the Oltu (Erzurum), NE Turkey**

KALKAN E., Bilici Ö., Kolaylı H.

INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.7, pp.2387-2397, 2012 (Journal Indexed in SCI Expanded)

- **Evaluation of Turkish black amber A case study of Oltu Erzurum NE Turkey**

KALKAN E., BİLİCİ Ö., KOLAYLI H.

International Journal Of Physical Sciences, vol.7, pp.2387-2397, 2012 (Journal Indexed in SCI)

- **Effects of waste material-lime additive mixtures on mechanical properties of granular soils**

Kalkan E.

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.71, pp.99-103, 2012 (Journal Indexed in SCI)

- **Experimental study on the nickel II removal from aqueous solutions using silica fume with without apocarbonic anhydrase**

KALKAN E., NADAROĞLU H., DEMİR N.

Desalination And Water Treatment, vol.44, pp.180-189, 2012 (Journal Indexed in SCI)

- **Removal of cobalt II ions from aqueous solution by using alternative adsorbent industrial red mud waste material**

NADAROĞLU H., KALKAN E.

International Journal Of Physical Sciences, vol.7, pp.1386-1394, 2012 (Journal Indexed in SCI Expanded)

- **Impact of wetting-drying cycles on swelling behavior of clayey soils modified by silica fume**

Kalkan E.

APPLIED CLAY SCIENCE, vol.52, pp.345-352, 2011 (Journal Indexed in SCI)

- **Removal of copper from aqueous solution using red mud**

NADAROĞLU H., KALKAN E., Demir N.

DESALINATION, vol.251, pp.90-95, 2010 (Journal Indexed in SCI)

- **Removal of copper from aqueous solution using red mud 2010**

NADAROĞLU H., KALKAN E., DEMİR N.

Desalination, vol.251, pp.90-95, 2010 (Journal Indexed in SCI Expanded)

- **Prediction of the unconfined compressive strength of compacted granular soils by using inference systems**

KALKAN E., Akbulut S., TORTUM A., Celik S.

ENVIRONMENTAL GEOLOGY, vol.58, pp.1429-1440, 2009 (Journal Indexed in SCI)

- **Effects of silica fume on the geotechnical properties of fine-grained soils exposed to freeze and thaw**

Kalkan E.

COLD REGIONS SCIENCE AND TECHNOLOGY, vol.58, pp.130-135, 2009 (Journal Indexed in SCI)

- **Geotechnical mapping for alluvial fan deposits controlled by active faults: a case study in the Erzurum, NE Turkey**

Yarbaşı N., KALKAN E.

ENVIRONMENTAL GEOLOGY, vol.58, pp.701-714, 2009 (Journal Indexed in SCI)

- **Influence of silica fume on the desiccation cracks of compacted clayey soils**

Kalkan E.

APPLIED CLAY SCIENCE, vol.43, pp.296-302, 2009 (Journal Indexed in SCI)

- **Geotechnical evaluation of Turkish clay deposits: a case study in Northern Turkey**

KALKAN E., Bayraktutan M. S.

ENVIRONMENTAL GEOLOGY, vol.55, pp.937-950, 2008 (Journal Indexed in SCI)

- **Modification of clayey soils using scrap tire rubber and synthetic fibers**

Akbulut S., Arasan S., KALKAN E.

APPLIED CLAY SCIENCE, vol.38, pp.23-32, 2007 (Journal Indexed in SCI)

- **Utilization of red mud as a stabilization material for the preparation of clay liners**

Kalkan E.

ENGINEERING GEOLOGY, vol.87, pp.220-229, 2006 (Journal Indexed in SCI)

- **The positive effects of silica fume on the permeability, swelling pressure and compressive strength of natural clay liners**

Kalkan E., Akbulut S.

ENGINEERING GEOLOGY, vol.73, pp.145-156, 2004 (Journal Indexed in SCI)

- **Improving of shear strength of natural clay liners (NCLs)**

KALKAN E., Akbulut S.

ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.11, pp.67-74, 2003 (Journal Indexed in SCI Expanded)

- **Improving of shear strength of natural clay liners (NCLs)**

KALKAN E., Akbulut S.

ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.11, pp.67-74, 2003 (Journal Indexed in SCI Expanded)

- **Regional gas geochemistry in an active tectonic zone, Erzurum Basin, eastern Turkey**

Bayraktutan M. S. , Merefield J., Grainger P., Evans B., Yılmaz M., KALKAN E.

Quarterly Journal of Engineering Geology, vol.29, pp.209-218, 1996 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- **Experimental study on the use of locally produced ester-base fluids at the drilling of shale formation**

KALKAN E., AHMED A. W.

International Journal of Advance Engineering and Research Development, vol.6, pp.86-93, 2019 (Refereed Journals of Other Institutions)

- **Petrogenesis of Heiran area submarine lavas in north east of Ardabil, Iran: A case study of Sevan-Akera-Qaradagh Ocean back arc basin**

Vasigh Y., AYDAR E., karimdoust s., KALKAN E., MUKHTAROV A.

International Journal of Earth Sciences Knowledge and Applications, vol.1, pp.14-22, 2019 (Refereed Journals of Other Institutions)

- **Freeze-Thaw Behaviors of Sandy Soils Modified by Mixtures of PET Fiber and Marble Dust**

YARBAŞIN., KALKAN E.

International Journal of Latest Technology in Engineering, Management Applied Science, vol.8, pp.38-42, 2019 (Refereed Journals of Other Institutions)

- **Strength performance of stabilized clayey soils with quartzite material**

KALKAN E., YARBAŞIN., BİLİCİ Ö.

International Journal of Earth Sciences Knowledge and Applications, vol.1, pp.1-5, 2019 (Refereed Journals of Other Institutions)

- **Drilling Fluids Types, Formation Choice and Environmental Impact**

AHMED A. W. , KALKAN E.

International Journal of Latest Technology in Engineering, Management Applied Science, vol.8, pp.66-71, 2019 (Refereed Journals of Other Institutions)

- **Investigation of Geological Characteristics of Şanlıurfa, SE Turkey by Using GIS**

EKMEN A., KALKAN E.

International Journal of Latest Technology in Engineering, Management Applied Science, vol.8, pp.72-76, 2019 (Refereed Journals of Other Institutions)

- **A study on the Salt (Urmia) Lake in northwest of Iran focused on sediments lakebed**

KALKAN E., karimdoust s., Nami P.

International Journal of Earth Sciences Knowledge and Applications, vol.1, pp.23-27, 2019 (Refereed Journals of Other Institutions)

- **Use of Waste Material (Oltu Stone Waste) for soil Stabilization**

YARBAŞIN., KALKAN E.

International Journal of Latest Technolgy in Engineering, Management Applied Science (IJLTEMAS), vol.8, pp.102-107, 2019 (Refereed Journals of Other Institutions)

- **The Stabilization of Sandy Soils by Using the Plastic Bottle Waste**

YARBAŞI N., KALKAN E.

International Journal of Advance Engineering and Research Development, vol.6, pp.140-144, 2019 (Refereed Journals of Other Institutions)

• **Algae Potential of The Deliçermik Thermal Spring Area (Köprüköy-Erzurum, NE Turkey)**

KALKAN E.

International Journal of Latest Technology in Engineering, Management Applied Science, vol.8, pp.98-101, 2019 (Refereed Journals of Other Institutions)

• **GIS Based-Geomorphological Characteristics of Şanlıurfa, SE Turkey**

EKMEN A., KALKAN E.

International Journal of Advance Engineering and Research Development, vol.6, pp.134-139, 2019 (Refereed Journals of Other Institutions)

• **Reinforce in Engineering Properties of Clayey Soils Using Cigarette Butts and Marble Dust**

MOHAMED GREAD F., YARBAŞI N., KALKAN E.

EUROPEAN JOURNAL OF ADVANCES IN ENGINEERING AND TECHNOLOGY, vol.6, pp.31-37, 2019 (Refereed Journals of Other Institutions)

• **Adsorption Performance of Laccase Modified-Red Mud for Acid Fuchsin Dye Removal from Aqueous Solutions**

NADAROĞLU H., KALKAN E., ÇELEBİ N.

Annals of Chromatography and Separation Techniques, vol.3, pp.1027-1035, 2017 (Refereed Journals of Other Institutions)

• **Mermer Atıklarının Asidik Toprakların Nötralizasyonu ve Fındık Tarımı Üzerine Etkileri**

Tozsın Durmaz G., Öztaş T., Arol A. İ. , Kalkan E., Koç E.

Yer Altı Kaynakları Dergisi/Journal of Underground Resources, vol.4, pp.29-36, 2015 (Other Refereed National Journals)

• **Azo Dye Removal from Aqueous Solutions Using Laccase-modified Red Mud: Adsorption Kinetics and Isotherm Studies**

Nadaroğlu H., KALKAN E., Çelebi N.

Annual Research & Review in Biology, vol.4, pp.2730-2754, 2014 (Refereed Journals of Other Institutions)

• **Azo Dye Removal from Aqueous Solutions Using Laccase-modified Red Mud: Adsorption Kinetics and Isotherm Studies**

Nadaroğlu H., KALKAN E., Çelebi N.

Annual Research & Review in Biology, vol.4, pp.2730-2754, 2014 (Refereed Journals of Other Institutions)

• **KEMALİYE ÇEVRESİNDE Pg Sg SOĞURULMASI VE YENİ MAGNİTÜD FORMÜLÜ**

AYDIN U., ŞAHİN Ş., KALKAN E., YARBAŞI N.

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.16, pp.13-23, 2012 (Other Refereed National Journals)

• **Kemaliye Çevresinde Pg Sg Soğurulması ve Yeni Magnitüd Formülü**

AYDIN U., ŞAHİN Ş., KALKAN E., YARBAŞI N., AKSOY G.

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.16, pp.13-23, 2012 (Other Refereed National Journals)

## Refereed Congress / Symposium Publications in Proceedings

• **Investigating the Role of Medical Geology Studies During Pregnancy and Fetal Health**

KALKAN E., NADAROĞLU H., karimdoust s.

1. International 4. Traditional Health Professionals Days, 14 - 16 November 2019

• **Environmental Pollution with Heavy Metals and Its Risks to Maternal and Fetal Health**

KALKAN E., NADAROĞLU H., karimdoust s.

1. International 4. Traditional Health Professionals Days, Erzurum, Turkey, 14 - 16 November 2019, pp.312

• **Modification of Sandy Soils by Using Waste of Plastic Bottles**

YARBAŞI N., KALKAN E.

Çukurova 3. Uluslararası Bilimsel Araştırmalar Kongresi, Adana, Turkey, 3 - 06 October 2019, pp.291-296

• **Use of Cigarette Butts Wastes for Modification of Clayey Soils**

Gread F. M. , YARBAŞI N., KALKAN E.

Çukurova 3. Uluslararası Bilimsel Araştırmalar Kongresi, Adana, Turkey, 3 - 06 October 2019, pp.297-303

- **Stabilization of Grained Soils by Using Wastes of Oltu Stone**

YARBAŞIN., KALKAN E.

Çukurova 3. Uluslararası Bilimsel Araştırmalar Kongresi, Adana, Turkey, 3 - 06 October 2019, pp.304-308

- **Use of Geographical Information Systems (GIS) for Investigation of Morphological Characteristics: A Case Study in the Şanlıurfa, SE Turkey**

KALKAN E., EKME N A.

3. Çukurova International Conference on Innovative Scientific Researches, 3 - 06 October 2019

- **Geographical Information Systems (GIS) and Its Use on Earth Sciences Applications**

KALKAN E., EKME N A.

3. Çukurova International Conference on Innovative Scientific Researches, 3 - 06 October 2019

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