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KiŐisel Bilgiler

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Eđitim Bilgileri

Yüksek Lisans, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2014 - 2018

Doktora, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 1994 - 1998

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Türkiye 1984 - 1990

Yaptığı Tezler

Doktora, Köklüce Regülatörü-Erbaa HES iletim hattı güzergahındaki alüvyal zeminlerin şiŐme ve oturma sorunlarının jeo-mühendislik deđerlendirilmesi, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, 1998

Yüksek Lisans, Sivas Cumhuriyet Üniversitesi kampüs alanı zeminlerinin jeo-mühendislik özelliklerinin incelenmesi, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, 1994

AraŐtırma Alanları

Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof.Dr., Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliđi Bölümü, 2010 - Devam Ediyor

Akademik İdari Deneyim

Anabilim/Bilim Dalı Başkanı, Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliđi Bölümü, 2010 - Devam Ediyor

Dekan, Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliđi Bölümü, 2012 - 2015

Bölüm Başkanı, Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliđi Bölümü, 2011 - 2014

Verdiği Dersler

Mühendislik Jeolojisinde Alan AraŐtırmaları, Yüksek Lisans, 2019 - 2020

Mühendislik Jeolojisi Örnek Olay Çalışmaları, Yüksek Lisans, 2018 - 2019

Yeraltısuları ve Heyelanlar Açısından Jeoteknik Sorunlar, Yüksek Lisans, 2018 - 2019

Kaya Mekaniđi, Lisans, 2019 - 2020

Tez Çalışması, Yüksek Lisans, 2018 - 2019

Malzeme, Lisans, 2018 - 2019

Mukavemet, Lisans, 2018 - 2019

Jeoteknik Açıdan Depremler, Yüksek Lisans, 2018 - 2019
Uzmanlık Alan Dersi, Doktora, 2019 - 2020
Tez Çalışması, Doktora, 2018 - 2019
Uzmanlık Alan Dersi, Yüksek Lisans, 2019 - 2020
Mühendislik Jeolojisinde Şişen Zeminler, Yüksek Lisans, 2019 - 2020
Bölgesel Planlamaya Esas Model Harita Üretimi, Doktora, 2017 - 2018
Mühendislik Jeolojisinde Belirsizlikler ve Modellemesi, Doktora, 2017 - 2018
Seminer Dersi, Yüksek Lisans, 2017 - 2018
Malzeme, Lisans, 2016 - 2017
Şev Hareketleri,Heyelanlar ve Bölgesel Planlamada Etkileri, Doktora, 2017 - 2018
Sorunlu Zeminler ve İyileştirme, Doktora, 2016 - 2017
Harita Kampı, Lisans, 2016 - 2017
Seminer Dersi, Doktora, 2017 - 2018
Mukavemet, Lisans, 2016 - 2017
Kaya Mekaniği, Lisans, 2017 - 2018
Çevre Jeotekniği, Lisans, 2015 - 2016
Kaya Mekaniği, Lisans, 2016 - 2017
Çevre Jeotekniği, Lisans, 2015 - 2016
Şehir ve Bölgesel Planlama Amaçlı Bütünleşik Jeoteknik Araştırmalar, Doktora, 2015 - 2016
Kaya Kütlelerinin Jeo-Mekanik Özellikleri, Doktora, 2015 - 2016
Zemin Mekaniği, Lisans, 2015 - 2016
Kaya Mekaniği, Lisans, 2014 - 2015
Mühendislik Jeolojisi ve Jeoteknik Uygulamalar, Lisans, 2012 - 2013
Mühendislik Jeolojisi ve Jeoteknik Uygulamalar, Lisans, 2012 - 2013
Zemin Mekaniği, Lisans, 2013 - 2014
Mühendislik Jeolojisi, Lisans, 2005 - 2006

Yönetilen Tezler

YILMAZ I., Şişen killerin iyileştirilmesinde jips kolonu performansının araştırılmasına ilişkin laboratuvar model çalışması, Yüksek Lisans, B.ERGENOĞLU(Öğrenci), 2018
YILMAZ I., Şişen killi zeminlerin kireç kolonu tekniği ile iyileştirilmesi sırasında iyon göçü ve kolon performansının şişen kil oranına bağlı olarak değerlendirilmesi, Doktora, D.TOKSÖZ(Öğrenci), 2017
YILMAZ I., Sivas ili merkez orta ölçekli yerleşime uygunluk planlarının CBS tabanlı analitik hiyerarşi süreci (AHS) kullanılarak hazırlanması, Yüksek Lisans, Ş.CEYLAN(Öğrenci), 2015
YILMAZ I., İnce taneli zeminlerin bulanık mantık ile sınıflandırılması, Yüksek Lisans, D.TOKSÖZ(Öğrenci), 2013
YILMAZ I., Karot boğma deneyi (cst) ' nin kayalarda dayanım anizotropisinin belirlenmesinde kullanılabilirliği ve performansının değerlendirilmesi, Yüksek Lisans, Ö.YÜCEL(Öğrenci), 2012
YILMAZ I., Jipslerde dolinlerin oluşum mekanizmaları açısından süreksizlik özelliklerinin etkilerinin araştırılması: Kuzeydoğu Sivas örneği, Doktora, İ.KESKİN(Öğrenci), 2011
YILMAZ I., Farklı türlerde suların killerin şişme davranışı üzerindeki etkilerinin araştırılması, Yüksek Lisans, A.AL TUN(Öğrenci), 2011
YILMAZ I., Çetinkaya-Divriği (Sivas) arasındaki tren yolu güzergahı boyunca şev duraylılıklarının araştırılması ve kinematik kontrollü olası duraysızlık modelinin üretilmesi, Yüksek Lisans, E.DERELİ(Öğrenci), 2010
YILMAZ I., Aluçra (Giresun) yöresindeki kaya şevlerinin duraylılığının kinematik analizi ve yapısal yaklaşım, Yüksek Lisans, G.ÖZDEMİR(Öğrenci), 2009
YILMAZ I., Şişebilen killi zeminlerin doğal jips katkısı kullanılarak iyileştirilmesi, Yüksek Lisans, B.CİVELEKOĞLU(Öğrenci), 2009
YILMAZ I., Şebinkarahisar (Giresun) yöresindeki kaya şevlerinin duraylılığının kinematik analizi ve yapısal yaklaşımı, Yüksek Lisans, İ.KESKİN(Öğrenci), 2006

YILMAZ I., Yıldız ırmağı çökellerinin beton agregası olarak kullanılabilirliklerinin incelenmesi, Yüksek Lisans, M.YILDIRIM(Öğrenci), 2005

YILMAZ I., Yalova kenti alüvyal zeminlerinin mühendislik jeolojisi özellikleri, Yüksek Lisans, D.YAVUZER(Öğrenci), 2004

YILMAZ I., Koyulhisar (Sivas) heyelanlarının incelemesi, Yüksek Lisans, H.SENDİR(Öğrenci), 2001

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Shallow mixing and column performances of lime, fly ash and gypsum on the stabilization of swelling soils**
Hozatlioglu D. T. , YILMAZ I.
ENGINEERING GEOLOGY, cilt.280, 2021 (SCI İndekslerine Giren Dergi)
- II. **Bathymetric Monitoring of Alluvial River Bottom Changes for Purposes of Stability of Water Power Plant Structure with a New Methodology for River Bottom Hazard Mapping (Wloclawek, Poland)**
Popielarczyk D., Marschalko M., Templin T., Niemiec D., YILMAZ I., Matuszkova B.
SENSORS, cilt.20, sa.17, 2020 (SCI İndekslerine Giren Dergi)
- III. **A case study for identification of organic-silt bottom sediments in an artificial lake formed in gravel alluvium in the geotourism locality of Slnečne Jazero in Senec (Bratislava, Slovakia)**
Marschalko M., Putiska R., YILMAZ I., Niemiec D., Cheng X., Dostal I., Kolenak P.
QUARTERLY JOURNAL OF ENGINEERING GEOLOGY AND HYDROGEOLOGY, cilt.53, sa.2, ss.276-282, 2020 (SCI İndekslerine Giren Dergi)
- IV. **Mapping the low-enthalpy geothermal potential of Quaternary alluvial aquifers in Slovakia**
Krcmar D., Marschalko M., YILMAZ I., Malik P., Cernak R., Svasta J., Kulman E., Rusnakova D., Popielarczyk D., Yang S.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.79, sa.3, ss.1225-1238, 2020 (SCI İndekslerine Giren Dergi)
- V. **Soil contamination by tar in the alluvial sediments: case study of the brownfield remediation project in the Czech Republic**
Marschalko M., Vicherek P., Vicherkova M., YILMAZ I., Kubac J., Popielarczyk D., Kempa T., Yang S.
ENVIRONMENTAL EARTH SCIENCES, cilt.79, sa.2, 2020 (SCI İndekslerine Giren Dergi)
- VI. **Investigation of a hazardous uncontrolled dumpsite in an oxbow lake of the Nitra River for pollution potential: a case study**
Marschalko M., Putiska R., YILMAZ I., Niemiec D., Vybiral V., Popielarczyk D., Matuszkova B.
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.192, sa.1, 2020 (SCI İndekslerine Giren Dergi)
- VII. **Surface runoff on loess: an example of a commonly overlooked hazardous process from northeast Czech Republic**
Niemiec D., Marschalko M., YILMAZ I., Cheng X., Stabl S.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.78, sa.8, ss.5841-5851, 2019 (SCI İndekslerine Giren Dergi)
- VIII. **A fuzzy prediction approach for swell potential of soils**
TOKSÖZ D., YILMAZ I.
ARABIAN JOURNAL OF GEOSCIENCES, cilt.12, sa.23, 2019 (SCI İndekslerine Giren Dergi)
- IX. **"A Validation Study for the Estimation of Uniaxial Compressive Strength Based on Index Tests" by F. Kong and J. Shang, Rock Mechanics and Rock Engineering (2018) 51: 2289-2297, Technical Note**
YILMAZ I.
ROCK MECHANICS AND ROCK ENGINEERING, cilt.52, sa.8, ss.2717-2718, 2019 (SCI İndekslerine Giren Dergi)
- X. **A small-scale map analysis of the engineering-geological zone and landscape element dependencies for the land-use planning purposes in the Czech Republic**
Marschalko M., YILMAZ I., Krcmar D., Cheng X., Kubac J., Kycl P.
ENVIRONMENTAL EARTH SCIENCES, cilt.78, sa.1, 2019 (SCI İndekslerine Giren Dergi)
- XI. **Investigation of the success of monitoring slow motion landslides using Persistent Scatterer Interferometry and GNSS methods**

Hastaoglu K. Ö. , Poyraz F., Turk T., Yilmaz I., Kocbulut F., Demirel M., Sanli U., Duman H., Sanli F. B.
SURVEY REVIEW, cilt.50, sa.363, ss.475-486, 2018 (SCI İndekslerine Giren Dergi)

- XII. **Heat contamination in groundwater sourced from heat pump for heating in Bratislava (Slovakia)'s historic centre**
Marschalko M., Krcmar D., YILMAZ I., Fl'akova R., Zenisova Z.
ENVIRONMENTAL EARTH SCIENCES, cilt.77, sa.3, 2018 (SCI İndekslerine Giren Dergi)
- XIII. **Effect of surface void percentage (SVP) on the unconfined compressive strength (UCS) of porous rocks**
YILMAZ I., YILDIRIM M., Marschalko M.
QUARTERLY JOURNAL OF ENGINEERING GEOLOGY AND HYDROGEOLOGY, cilt.51, sa.1, ss.108-112, 2018 (SCI İndekslerine Giren Dergi)
- XIV. **A Novel Hybrid Approach Based on Instance Based Learning Classifier and Rotation Forest Ensemble for Spatial Prediction of Rainfall-Induced Shallow Landslides Using GIS**
Quang-Khanh Nguyen Q. N. , Dieu Tien Bui D. T. B. , Nhat-Duc Hoang N. H. , Phan Trong Trinh P. T. T. , Viet-Ha Nguyen V. N. , YILMAZ I.
SUSTAINABILITY, cilt.9, sa.5, 2017 (SCI İndekslerine Giren Dergi)
- XV. **A case study assessing thermal activity at a significant geotourism locality of Ema coal tailing dumps in the mining landscape of Ostrava, Czech Republic**
Marschalko M., Zasterova P., YILMAZ I., Jelinek P., Ruzicka J., Ruzickova K., Duda R.
QUARTERLY JOURNAL OF ENGINEERING GEOLOGY AND HYDROGEOLOGY, cilt.50, sa.1, ss.53-59, 2017 (SCI İndekslerine Giren Dergi)
- XVI. **A fuzzy classification routine for fine-grained soils**
TOKSÖZ D., YILMAZ I., Nefeslioglu H. A. , Marschalko M.
QUARTERLY JOURNAL OF ENGINEERING GEOLOGY AND HYDROGEOLOGY, cilt.49, sa.4, ss.344-349, 2016 (SCI İndekslerine Giren Dergi)
- XVII. **Geodetic monitoring of roads as a tool for determination of hazard zones in areas influenced by deep coal mining**
Lamich D., Marschalko M., YILMAZ I., Bednarova P., Niemiec D., Mikulenka V., Kubecka K.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.75, sa.3, ss.1033-1044, 2016 (SCI İndekslerine Giren Dergi)
- XVIII. **Morphometric and geological features of karstic depressions in gypsum (Sivas, Turkey)**
KESKİN İ., YILMAZ I.
ENVIRONMENTAL EARTH SCIENCES, cilt.75, sa.12, 2016 (SCI İndekslerine Giren Dergi)
- XIX. **Utilization of engineering geology in geo-tourism: few case studies of subsidence influence on historical churches in Ostrava-Karvina District (Czech Republic)**
Lamich D., Marschalko M., YILMAZ I., Bednarova P., Niemiec D., Durd'ak J., Kubecka K., Duda R.
ENVIRONMENTAL EARTH SCIENCES, cilt.75, sa.2, 2016 (SCI İndekslerine Giren Dergi)
- XX. **Investigations into factors influencing the CBR values of some Aegean sands**
Erzin Y., Turkoz D., Tuskan Y., Yilmaz I.
SCIENTIA IRANICA, cilt.23, sa.2, ss.420-428, 2016 (SCI İndekslerine Giren Dergi)
- XXI. **Subsidence measurements in roads and implementation in land use plan optimisation in areas affected by deep coal mining**
Lamich D., Marschalko M., YILMAZ I., Bednarova P., Niemiec D., Kubecka K., Mikulenka V.
ENVIRONMENTAL EARTH SCIENCES, cilt.75, sa.1, 2016 (SCI İndekslerine Giren Dergi)
- XXII. **Rock mass parameters based doline susceptibility mapping in gypsum terrain**
YILMAZ I., KESKİN İ., Marschalko M.
QUARTERLY JOURNAL OF ENGINEERING GEOLOGY AND HYDROGEOLOGY, cilt.48, sa.2, ss.124-134, 2015 (SCI İndekslerine Giren Dergi)
- XXIII. **Monitoring and analysis of burning in coal tailing dumps: a case study from the Czech Republic**
Jelinek P., Marschalko M., Lamich D., YILMAZ I., Zasterova P., Bednarik M., Heviankova S., Kyncl M., Drusa M., Ruckova H.

- ENVIRONMENTAL EARTH SCIENCES, cilt.73, sa.10, ss.6601-6612, 2015 (SCI İndekslerine Giren Dergi)
- XXIV. **Utilization of ground subsidence caused by underground mining to produce a map of possible land-use areas for urban planning purposes**
Marschalko M., YILMAZ I., Kubecka K., Bouchal T., Bednarik M., Drusa M., Bendova M.
ARABIAN JOURNAL OF GEOSCIENCES, cilt.8, sa.1, ss.579-588, 2015 (SCI İndekslerine Giren Dergi)
- XXV. **Utilization of an underground mining evaluation map incorporating the effect of landslides and surface flooding for land-use purpose**
Marschalko M., YILMAZ I., Kubecka K., Bouchal T., Bednarik M., Penaz T.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.73, sa.4, ss.1117-1126, 2014 (SCI İndekslerine Giren Dergi)
- XXVI. **Relevance of building site categories implementation into the land use plan in underground mining area in the region of Petrvald (Czech Republic)**
Marschalko M., YILMAZ I., Bednarik M., Kubecka K., Lahuta H.
ENVIRONMENTAL EARTH SCIENCES, cilt.72, sa.9, ss.3443-3456, 2014 (SCI İndekslerine Giren Dergi)
- XXVII. **Potential pollution risk in natural environment of golf courses: an example from Rusovce (Slovakia)**
Krcmar D., Marschalko M., YILMAZ I., Patschova A., Chalupkova K., Kovacs T.
ENVIRONMENTAL EARTH SCIENCES, cilt.72, sa.10, ss.4075-4084, 2014 (SCI İndekslerine Giren Dergi)
- XXVIII. **The effect of different types of water on the swelling behaviour of expansive clays**
YILMAZ I., Marschalko M.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.73, sa.4, ss.1049-1062, 2014 (SCI İndekslerine Giren Dergi)
- XXIX. **Underground mining hazard map including building site categories in an area affected by underground mining activities**
Marschalko M., YILMAZ I., Lamich D., Bednarik M.
ENVIRONMENTAL EARTH SCIENCES, cilt.72, sa.7, ss.2655-2666, 2014 (SCI İndekslerine Giren Dergi)
- XXX. **Monitoring of heat transmission from buildings into geological environment and evaluation of soil deformation consequences in foundation engineering**
YILMAZ I., Marschalko M., Lamich D., Drusa M., Machacik J., Heviankova S., Kyncl M., Lackova E., Bestova I., Krcmar D., et al.
ENVIRONMENTAL EARTH SCIENCES, cilt.72, sa.8, ss.2947-2955, 2014 (SCI İndekslerine Giren Dergi)
- XXXI. **Unique documentation, analysis of origin and development of an undrained depression in a subsidence basin caused by underground coal mining (Kozinec, Czech Republic)**
Marschalko M., YILMAZ I., Lamich D., Drusa M., Kubeckova D., Penaz T., Burkotova T., Slivka V., Bednarik M., Krcmar D., et al.
ENVIRONMENTAL EARTH SCIENCES, cilt.72, sa.1, ss.11-20, 2014 (SCI İndekslerine Giren Dergi)
- XXXII. **MORPHOLOGICAL VARIATIONS IN SUBSIDENCE BASIN AND IMPORTANCE FOR LAND USE PLANNING: UNDERMINED KARVINA REGION (CZECH REPUBLIC)**
Marschalko M., YILMAZ I., Lamich D., Heviankova S., Kyncl M., Dirner V., Andras P.
CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES, cilt.9, sa.2, ss.187-197, 2014 (SCI İndekslerine Giren Dergi)
- XXXIII. **Design and construction of knowledge ontology for thematic cartography domain**
Penaz T., Dostal R., YILMAZ I., Marschalko M.
EPISODES, cilt.37, sa.1, ss.48-58, 2014 (SCI İndekslerine Giren Dergi)
- XXXIV. **Use of the core strangle test for determining strength anisotropy of rocks**
YILMAZ I., Yucel O.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, cilt.66, ss.57-63, 2014 (SCI İndekslerine Giren Dergi)
- XXXV. **A. Blais-Stevens, P. Behnia, M. Kremer, A. Page, R. Kung, G. Bonham-Carter: Comments on Landslide susceptibility mapping of the Sea to Sky transportation corridor, British Columbia, Canada: comparison of two methods, Bulletin of Engineering Geology and the Environment, 2012, 71(3):447-466. doi:10.1007/s10064-012-0421-z**

YILMAZ I., NEFESLİOĞLU H. A. , Marschalko M., Bednarik M.

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.72, ss.625-627, 2013 (SCI İndekslerine Giren Dergi)

- XXXVI. **A small-scale landslide susceptibility assessment for the territory of Western Carpathians**
Holec J., Bednarik M., Sabo M., Minar J., YILMAZ I., Marschalko M.
NATURAL HAZARDS, cilt.69, sa.1, ss.1081-1107, 2013 (SCI İndekslerine Giren Dergi)
- XXXVII. **Identification of the near-surface geological structure and deposits for land use planning purposes in the Doubrava Region (Czech Republic)**
Marschalko M., YILMAZ I., Bednarik M., Kubecka K.
EPISODES, cilt.36, sa.2, ss.94-104, 2013 (SCI İndekslerine Giren Dergi)
- XXXVIII. **An assessment on the use of bivariate, multivariate and soft computing techniques for collapse susceptibility in GIS environ**
YILMAZ I., Marschalko M., Bednarik M.
JOURNAL OF EARTH SYSTEM SCIENCE, cilt.122, sa.2, ss.371-388, 2013 (SCI İndekslerine Giren Dergi)
- XXXIX. **In-situ remediation of the contaminated soils in Ostrava city (Czech Republic) by steam curing/vapor**
Kempa T., Marschalko M., YILMAZ I., Lackova E., Kubecka K., Stalmachova B., Bouchal T., Bednarik M., Drusa M., Bendova M.
ENGINEERING GEOLOGY, cilt.154, ss.42-55, 2013 (SCI İndekslerine Giren Dergi)
- XL. **Application of the Engineering-Geological Conditions in Land-Use Plans in the Petrvald Region (Czech Republic)**
Marschalko M., YILMAZ I., Bednarik M., Kubecka K., Bouchal T.
ACTA GEOLOGICA SINICA-ENGLISH EDITION, cilt.87, sa.1, ss.272-285, 2013 (SCI İndekslerine Giren Dergi)
- XLI. **Reply to discussion by R. Tomas, M. Cano, J. Garcia-Barba on "GIS-based kinematic slope instability and slope mass rating (SMR) maps: application to a railway route in Sivas (Turkey)" by Isik Yilmaz, Marian Marschalko, Mustafa Yildirim, Emek Dereli and Martin Bednarik, Bulletin of Engineering Geology and the Environment 71, (2012), 351-357, doi:10.1007/s10064-011-0384-5"**
YILMAZ I., Marschalko M., YILDIRIM M., Dereli E., Bednarik M.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.72, sa.1, ss.147-148, 2013 (SCI İndekslerine Giren Dergi)
- XLII. **The Use of the Direct Optimized Probabilistic Calculation Method in Design of Bolt Reinforcement for Underground and Mining Workings**
Krejsa M., Janas P., YILMAZ I., Marschalko M., Bouchal T.
SCIENTIFIC WORLD JOURNAL, 2013 (SCI İndekslerine Giren Dergi)
- XLIII. **Influence of the Soil Genesis on Physical and Mechanical Properties**
Marschalko M., YILMAZ I., Fojtova L., Kubecka K., Bouchal T., Bednarik M.
SCIENTIFIC WORLD JOURNAL, 2013 (SCI İndekslerine Giren Dergi)
- XLIV. **Properties of the Loess Sediments in Ostrava Region (Czech Republic) and Comparison with Some Other Loess Sediments**
Marschalko M., YILMAZ I., Fojtova L., Lamich D., Bednarik M.
SCIENTIFIC WORLD JOURNAL, 2013 (SCI İndekslerine Giren Dergi)
- XLV. **An indicative method for determination of the most hazardous changes in slopes of the subsidence basins in underground coal mining area in Ostrava (Czech Republic)**
Marschalko M., YILMAZ I., Kristkova V., Fuka M., Kubecka K., Bouchal T.
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.185, sa.1, ss.509-522, 2013 (SCI İndekslerine Giren Dergi)
- XLVI. **Deformation of slopes as a cause of underground mining activities: three case studies from Ostrava-Karvina coal field (Czech Republic)**
Marschalko M., YILMAZ I., Bednarik M., Kubecka K.
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.184, sa.11, ss.6709-6733, 2012 (SCI İndekslerine Giren Dergi)
- XLVII. **Comments on "Landslide susceptibility zonation study using remote sensing and GIS technology in**

the Ken-Betwa River Link area, India" by R. Avtar, C. K. Singh, G. Singh, R. L. Verma, S. Mukherjee, H. Sawada in Bulletin of Engineering Geology and the Environment (doi:10.1007/s10064-011-0368-5)
YILMAZ I., Marschalko M., Bednarik M.

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.71, sa.4, ss.803-805, 2012 (SCI İndekslerine Giren Dergi)

- XLVIII. **Influence of underground mining activities on the slope deformation genesis: Doubrava Vrchovec, Doubrava Ujala and Staric case studies from Czech Republic**
Marschalko M., YILMAZ I., Bednarik M., Kubecka K.
ENGINEERING GEOLOGY, cilt.147, ss.37-51, 2012 (SCI İndekslerine Giren Dergi)
- XLIX. **Evaluation of engineering-geological conditions for conurbation of Ostrava (Czech Republic) within GIS environment**
Marschalko M., Bednarik M., YILMAZ I.
ENVIRONMENTAL EARTH SCIENCES, cilt.67, sa.4, ss.1007-1022, 2012 (SCI İndekslerine Giren Dergi)
- L. **Landslide hazard and risk assessment: a case study from the Hlohovec-Sered' landslide area in south-west Slovakia**
Bednarik M., YILMAZ I., Marschalko M.
NATURAL HAZARDS, cilt.64, sa.1, ss.547-575, 2012 (SCI İndekslerine Giren Dergi)
- LI. **Optimization of building site category determination in an undermined area prior to and after exhausting coal seams**
Marschalko M., YILMAZ I., Kristkova V., Fuka M., Kubecka K., Bouchal T., Bednarik M.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, cilt.54, ss.9-18, 2012 (SCI İndekslerine Giren Dergi)
- LII. **Factors influencing the crushing strength of some Aegean sands**
ERZİN Y., Patel A., Singh D. N. , Tiga M. G. , Yilmaz I., Srinivas K.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.71, sa.3, ss.529-536, 2012 (SCI İndekslerine Giren Dergi)
- LIII. **Neural computing models for prediction of permeability coefficient of coarse-grained soils**
YILMAZ I., Marschalko M., Bednarik M., Kaynar O., Fojtova L.
NEURAL COMPUTING & APPLICATIONS, cilt.21, sa.5, ss.957-968, 2012 (SCI İndekslerine Giren Dergi)
- LIV. **Subsidence map of underground mining influence for urban planning: an example from the Czech Republic**
Marschalko M., YILMAZ I., Bednarik M., Kubecka K., Bouchal T., Zavada J.
QUARTERLY JOURNAL OF ENGINEERING GEOLOGY AND HYDROGEOLOGY, cilt.45, sa.2, ss.231-241, 2012 (SCI İndekslerine Giren Dergi)
- LV. **GIS-based kinematic slope instability and slope mass rating (SMR) maps: application to a railway route in Sivas (Turkey)**
YILMAZ I., Marschalko M., YILDIRIM M., Dereli E., Bednarik M.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.71, sa.2, ss.351-357, 2012 (SCI İndekslerine Giren Dergi)
- LVI. **A leaning historical monument formed by underground mining effect: An example from Czech Republic**
YILMAZ I., Marschalko M.
ENGINEERING GEOLOGY, cilt.133, ss.43-48, 2012 (SCI İndekslerine Giren Dergi)
- LVII. **On the value of dolines in gypsum terrains as a "Geological Heritage": an example from Sivas basin, Turkey**
Yilmaz I.
ENVIRONMENTAL EARTH SCIENCES, cilt.65, sa.3, ss.805-812, 2012 (SCI İndekslerine Giren Dergi)
- LVIII. **Evaluation of subsidence due to underground coal mining: an example from the Czech Republic**
Marschalko M., Bednarik M., YILMAZ I., Bouchal T., Kubecka K.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.71, sa.1, ss.105-111, 2012 (SCI İndekslerine Giren Dergi)

- LIX. **Determination of actual limit angles to the surface and their comparison with the empirical values in the Upper Silesian Basin (Czech Republic)**
Marschalko M., YILMAZ I., Kristkova V., Fuka M., Bednarik M., Kubecka K.
ENGINEERING GEOLOGY, cilt.124, ss.130-138, 2012 (SCI İndekslerine Giren Dergi)
- LX. **Variations in the building site categories in the underground mining region of Doubrava (Czech Republic) for land use planning**
Marschalko M., YILMAZ I., Bednarik M., Kubecka K.
ENGINEERING GEOLOGY, cilt.122, ss.169-178, 2011 (SCI İndekslerine Giren Dergi)
- LXI. **Gypsum collapse hazards and importance of hazard mapping**
YILMAZ I., Marschalko M., Bednarik M.
CARBONATES AND EVAPORITES, cilt.26, sa.2, ss.193-209, 2011 (SCI İndekslerine Giren Dergi)
- LXII. **Multiple regression, ANN (RBF, MLP) and ANFIS models for prediction of swell potential of clayey soils**
YILMAZ I., KAYNAR O.
EXPERT SYSTEMS WITH APPLICATIONS, cilt.38, sa.5, ss.5958-5966, 2011 (SCI İndekslerine Giren Dergi)
- LXIII. **On the Use of Conventional and Soft Computing Models for Prediction of Gross Calorific Value (GCV) of Coal**
YALÇIN ERİK N., YILMAZ I.
INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION, cilt.31, sa.1, ss.32-59, 2011 (SCI İndekslerine Giren Dergi)
- LXIV. **Forecasting of natural gas consumption with neural network and neuro fuzzy system**
KAYNAR O., YILMAZ I., DEMİRKOPARAN F.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, cilt.26, sa.2, ss.221-238, 2011 (SCI İndekslerine Giren Dergi)
- LXV. **A short review on the surficial impacts of underground mining**
Altun A. O. , YILMAZ I., YILDIRIM M.
SCIENTIFIC RESEARCH AND ESSAYS, cilt.5, sa.21, ss.3206-3212, 2010 (SCI İndekslerine Giren Dergi)
- LXVI. **Different types of learning algorithms of artificial neural network (ANN) models for prediction of gross calorific value (GCV) of coals**
YILMAZ I., YALÇIN ERİK N., KAYNAR O.
SCIENTIFIC RESEARCH AND ESSAYS, cilt.5, sa.16, ss.2242-2249, 2010 (SCI İndekslerine Giren Dergi)
- LXVII. **Comparison of landslide susceptibility mapping methodologies for Koyulhisar, Turkey: conditional probability, logistic regression, artificial neural networks, and support vector machine**
Yilmaz I.
ENVIRONMENTAL EARTH SCIENCES, cilt.61, sa.4, ss.821-836, 2010 (SCI İndekslerine Giren Dergi)
- LXVIII. **Use of the core strangle test for tensile strength estimation and rock mass classification**
Yilmaz I.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, cilt.47, sa.5, ss.845-850, 2010 (SCI İndekslerine Giren Dergi)
- LXIX. **Discussion on "Geotechnical mapping for alluvial fan deposits controlled by active faults: a case study in the Erzurum, NE Turkey" by Yarbasi N, Kalkan E (2009) Environ Geol 58:710-714**
Yilmaz I.
ENVIRONMENTAL EARTH SCIENCES, cilt.60, sa.6, ss.1347-1348, 2010 (SCI İndekslerine Giren Dergi)
- LXX. **The effect of the sampling strategies on the landslide susceptibility mapping by conditional probability and artificial neural networks**
Yilmaz I.
ENVIRONMENTAL EARTH SCIENCES, cilt.60, sa.3, ss.505-519, 2010 (SCI İndekslerine Giren Dergi)
- LXXI. **Influence of water content on the strength and deformability of gypsum**
Yilmaz I.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, cilt.47, sa.2, ss.342-347, 2010 (SCI İndekslerine Giren Dergi)

- LXXII. **A new testing method for indirect determination of the unconfined compressive strength of rocks**
Yilmaz I.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, cilt.46, sa.8, ss.1349-1357, 2009 (SCI İndekslerine Giren Dergi)
- LXXIII. **Swell potential and shear strength estimation of clays**
Yilmaz I.
APPLIED CLAY SCIENCE, cilt.46, sa.4, ss.376-384, 2009 (SCI İndekslerine Giren Dergi)
- LXXIV. **GIS based statistical and physical approaches to landslide susceptibility mapping (Sebinkarahisar, Turkey)**
Yilmaz I., Keskin I.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.68, sa.4, ss.459-471, 2009 (SCI İndekslerine Giren Dergi)
- LXXV. **A case study from Koyulhisar (Sivas-Turkey) for landslide susceptibility mapping by artificial neural networks**
Yilmaz I.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.68, sa.3, ss.297-306, 2009 (SCI İndekslerine Giren Dergi)
- LXXVI. **Prediction of the strength and elasticity modulus of gypsum using multiple regression, ANN, and ANFIS models**
YILMAZ I., Yuksek G.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, cilt.46, sa.4, ss.803-810, 2009 (SCI İndekslerine Giren Dergi)
- LXXVII. **Landslide susceptibility mapping using frequency ratio, logistic regression, artificial neural networks and their comparison: A case study from Kat landslides (Tokat-Turkey)**
Yilmaz I.
COMPUTERS & GEOSCIENCES, cilt.35, sa.6, ss.1125-1138, 2009 (SCI İndekslerine Giren Dergi)
- LXXVIII. **Gypsum: An additive for stabilization of swelling clay soils**
YILMAZ I., Civelekoglu B.
APPLIED CLAY SCIENCE, cilt.44, ss.166-172, 2009 (SCI İndekslerine Giren Dergi)
- LXXIX. **A method for mapping the spatial distribution of RockFall computer program analyses results using ArcGIS software**
YILMAZ I., YILDIRIM M., KESKİN İ.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.67, sa.4, ss.547-554, 2008 (SCI İndekslerine Giren Dergi)
- LXXX. **Discussion on "Development and morphometry of sinkholes in coastal plains of Apulia, southern Italy. Preliminary sinkhole susceptibility assessment" by E. Bruno, D. Calcaterra, M. Parise [Engineering Geology 99 (2008) 198-209]**
Yilmaz I.
ENGINEERING GEOLOGY, cilt.101, ss.283-284, 2008 (SCI İndekslerine Giren Dergi)
- LXXXI. **An Example of Artificial Neural Network (ANN) Application for Indirect Estimation of Rock Parameters**
Yilmaz I., Yuksek A. G.
ROCK MECHANICS AND ROCK ENGINEERING, cilt.41, ss.781-795, 2008 (SCI İndekslerine Giren Dergi)
- LXXXII. **A case study for mapping of spatial distribution of free surface heave in alluvial soils (Yalova, Turkey) by using GIS software**
Yilmaz I.
COMPUTERS & GEOSCIENCES, cilt.34, sa.8, ss.993-1004, 2008 (SCI İndekslerine Giren Dergi)
- LXXXIII. **Discussion on the paper entitled "Mechanical and physical properties of the Kandira stone, Kandira, Turkey" by Arman et al., Bull Eng Geol Environ (DOI 10.1007/s10064-006-0082-x)**
Yilmaz I.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.67, sa.2, ss.289-290, 2008 (SCI İndekslerine

- Giren Dergi)
- LXXXIV. **A case study of crushing resistance of Anatolian sands at lower and higher density**
ERZİN Y., YILMAZ I.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.67, sa.1, ss.71-77, 2008 (SCI İndekslerine Giren Dergi)
- LXXXV. **The effect of swelling clays on a water transport canal between Kokluce HPP and Erbaa HPP (Turkey)**
Yilmaz I.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.66, sa.4, ss.467-472, 2007 (SCI İndekslerine Giren Dergi)
- LXXXVI. **Differences in the geotechnical properties of two types of gypsum: alabastrine and porphyritic**
Yilmaz I.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, cilt.66, sa.2, ss.187-195, 2007 (SCI İndekslerine Giren Dergi)
- LXXXVII. **GIS based susceptibility mapping of karst depression in gypsum: A case study from Sivas basin (Turkey)**
Yilmaz I.
ENGINEERING GEOLOGY, cilt.90, ss.89-103, 2007 (SCI İndekslerine Giren Dergi)
- LXXXVIII. **Structural and geomorphological aspects of the Kat landslides (Tokat-Turkey) and susceptibility mapping by means of GIS**
Yilmaz I., Yildirim M.
ENVIRONMENTAL GEOLOGY, cilt.50, sa.4, ss.461-472, 2006 (SCI İndekslerine Giren Dergi)
- LXXXIX. **Indirect estimation of the swelling percent and a new classification of soils depending on liquid limit and cation exchange capacity**
Yilmaz I.
ENGINEERING GEOLOGY, cilt.85, ss.295-301, 2006 (SCI İndekslerine Giren Dergi)
- XC. **Soil liquefaction susceptibility and hazard mapping in the residential area of Kutahya (Turkey)**
Yilmaz I., Bağcı A.
ENVIRONMENTAL GEOLOGY, cilt.49, sa.5, ss.708-719, 2006 (SCI İndekslerine Giren Dergi)
- XCII. **Failure and flow development of a collapse induced complex landslide: the 2005 Kuzulu (Koyulhisar, Turkey) landslide hazard**
Yilmaz I., Ekemen T., Yildirim M., Keskin I., Özdemir G.
ENVIRONMENTAL GEOLOGY, cilt.49, sa.3, ss.467-476, 2006 (SCI İndekslerine Giren Dergi)
- XCIII. **Slaking durability and its effect on the doline formation in the gypsum**
Yilmaz I., Karacan E.
ENVIRONMENTAL GEOLOGY, cilt.47, sa.7, ss.1010-1016, 2005 (SCI İndekslerine Giren Dergi)
- XCIV. **Liquefaction potential and susceptibility mapping in the city of Yalova, Turkey**
Yilmaz I., Yavuzer D.
ENVIRONMENTAL GEOLOGY, cilt.47, sa.2, ss.175-184, 2005 (SCI İndekslerine Giren Dergi)
- XCV. **Relationships between liquid limit, cation exchange capacity, and swelling potentials of clayey soils**
Yilmaz I.
EURASIAN SOIL SCIENCE, cilt.37, sa.5, ss.506-512, 2004 (SCI İndekslerine Giren Dergi)
- XCVI. **Correlation of Schmidt hardness with unconfined compressive strength and Young's modulus in gypsum from Sivas (Turkey)**
Yilmaz I., Sendir H.
ENGINEERING GEOLOGY, cilt.66, ss.211-219, 2002 (SCI İndekslerine Giren Dergi)
- XCVII. **Structural, geomorphological and geomechanical aspects of the Koyulhisar landslides in the North Anatolian Fault Zone (Sivas, Turkey)**
Sendir H., Yilmaz I.
ENVIRONMENTAL GEOLOGY, cilt.42, sa.1, ss.52-60, 2002 (SCI İndekslerine Giren Dergi)
- XCVIII. **Geotechnical properties of clayey alluvial soils in the Erbaa basin, Turkey**

- Yilmaz I., Karacan E.
INTERNATIONAL GEOLOGY REVIEW, cilt.44, sa.2, ss.179-190, 2002 (SCI İndekslerine Giren Dergi)
- XCVIII. **Soil liquefaction analyses from standard penetration tests: An example from the North Anatolian fault zone, Turkey**
Yilmaz I.
INTERNATIONAL GEOLOGY REVIEW, cilt.43, sa.6, ss.565-574, 2001 (SCI İndekslerine Giren Dergi)
- XCIX. **Collapse dolines in miocene gypsum: An example from SW Sivas (Turkey)**
Karacan E., Yilmaz I.
ENVIRONMENTAL GEOLOGY, cilt.29, ss.263-266, 1997 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Influence of Swelling Clay Content on Ion Migration and Column Performance in Lime Column Treated Soils**
TOKSÖZ D., YILMAZ I.
Geotechnical and Geological Engineering, cilt.38, sa.1, ss.813-832, 2020 (ESCI İndekslerine Giren Dergi)
- II. **Preparation of GIS- based medium-scale settlement suitability plans by using analytical hierarchy process (AHP): Sivas city province case study**
Ceylan Ş., YILMAZ I.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, cilt.26, sa.3, ss.545-558, 2020 (ESCI İndekslerine Giren Dergi)
- III. **An application of a fuzzy classification routine suggested for fine grained soils**
TOKSÖZ D., YILMAZ I.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, cilt.26, sa.3, ss.535-544, 2020 (ESCI İndekslerine Giren Dergi)
- IV. **ŞİŞEN KİLLERİN İYİLEŞTİRİLMESİNDE JİPS KOLONU PERFORMANSININ ARAŞTIRILMASINA İLİŞKİN LABORATUVAR MODEL ÇALIŞMASI**
YILMAZ I.
Jeoloji Mühendisliği Dergisi, cilt.43, sa.1, ss.23-38, 2019 (Diğer Kurumların Hakemli Dergileri)
- V. **Performance of Core Strangle Test (CST) on Porous Rocks**
YILMAZ I.
GEOTECHNICAL AND GEOLOGICAL ENGINEERING, cilt.36, sa.6, ss.3551-3557, 2018 (ESCI İndekslerine Giren Dergi)
- VI. **GPS ve Ps Insar Yöntemleri Kullanılarak Koyulhisar Sivas Heyelanlarının İzlenmesi İlk Sonuçlar**
HASTAOĞLU K. Ö. , POYRAZ F., TÜRK T., KOÇBULUT F., ŞANLI D. U. , YILMAZ I., BALIK ŞANLI F., KUÇAK R. A. , DEMİREL M., GÜRİSOY Ö., et al.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.4, sa.2, ss.161-175, 2014 (Diğer Kurumların Hakemli Dergileri)
- VII. **Research of significant anthropogenic changes in the area Ostrava city Czech Republic**
MARIAN M., YILMAZ I., KAREL K., MARTIN B., BARBARA S., TOMAS B., ORLANDO A.
Scientific Research and Essays, cilt.7, ss.1891-1906, 2012 (Diğer Kurumların Hakemli Dergileri)
- VIII. **On the reliability of SPT N value as an indication of consistency of clayey soils**
YILMAZ I., ERZİN Y.
Electronic Journal of Geotechnical Engineering, cilt.9, ss.6-12, 2004 (Diğer Kurumların Hakemli Dergileri)
- IX. **Selection of core material for an Earth Dam in the Lower Çekerek Basin Tokat Turkey**
YILMAZ I., ERZİN Y.
Electronic Journal of Geotechnical Engineering, cilt.9, ss.1-5, 2004 (Diğer Kurumların Hakemli Dergileri)
- X. **Unconsolidated clays from inner shore of the Gemlik Gulf in the Marmara Sea Bursa Turkey**
YILMAZ I., MEHMET U.
Bulletin of Engineering Geology & the Environment, cilt.63, ss.133-139, 2004 (Diğer Kurumların Hakemli Dergileri)

- XI. **A landslide occurred in clayey soils an example from Kızıldağ region of Sivas Erzincan highway Sivas Turkey**
YILMAZ I., KARACAN E.
AAPG Division of Environmental Geosciences, cilt.9, ss.35-42, 2002 (Diğer Kurumların Hakemli Dergileri)
- XII. **Gypsum anhydrite some engineering problems**
YILMAZ I.
Bulletin of Engineering Geology & the Environment, cilt.60, ss.227-230, 2001 (Diğer Kurumların Hakemli Dergileri)
- XIII. **Geotechnical evaluation of the Miocene gypsum from Sivas Turkey**
KARACAN E., YILMAZ I.
Geotechnical and Geological Engineering, cilt.18, ss.79-90, 2000 (Diğer Kurumların Hakemli Dergileri)
- XIV. **Evaluation of shear strength of clayey soils by using their liquidity index**
YILMAZ I.
Bulletin of Engineering Geology & the Environment, cilt.59, ss.227-229, 2000 (Diğer Kurumların Hakemli Dergileri)
- XV. **Geotechnical properties of alluvial soils an example from south of Sivas Turkey**
YILMAZ I., KARACAN E.
IAEG Bulletin of the International Association of Engineering Geology, cilt.55, ss.159-165, 1997 (Diğer Kurumların Hakemli Dergileri)
- XVI. **Geotechnical characteristics of clays in diversion tunnel of 4 Eylül dam Sivas TURKEY**
KARACAN E., YILMAZ I.
IAEG Bulletin of the International Association of Engineering Geology, cilt.53, ss.49-53, 1996 (Diğer Kurumların Hakemli Dergileri)
- XVII. **Geotechnical characteristics and mineralogy of compacted clays used as impervious core in Çamlığöze dam Suşehri Sivas**
YILMAZ I., KARACAN E.
International Geology Review, cilt.38, sa.10, ss.972-978, 1996 (Diğer Kurumların Hakemli Dergileri)

Kitap & Kitap Bölümleri

- I. **Landslide Inventory, Sampling and Effect of Sampling Strategies on Landslide Susceptibility/Hazard Modelling at a Glance**
YILMAZ I., ERCANOĞLU M.
Natural Hazards GIS-Based Spatial Modeling Using Data Mining Techniques, Hamid Reza Pourghasemi, Mauro Rossi, Editör, Springer International Publishing, ss.205-224, 2019
- II. **Zemin Mekaniği Laboratuvar Deneyleri ve Problemler (IV. Baskı)**
YILMAZ I., YILDIRIM M., KESKİN İ.
Seçkin Yayınevi, 2017
- III. **Zemin Mekaniği Laboratuvar Deneyleri ve Çözümlü Problemler**
YILMAZ I., YILDIRIM M., KESKİN İ.
Seçkin Yayınevi, Ankara, 2016
- IV. **Zemin Mekaniği Laboratuvar Deneyleri ve Problemler Genişletilmiş 2 Baskı**
YILMAZ I., YILDIRIM M., KESKİN İ.
Seçkin Yayınevi, Ankara, 2014
- V. **Landslides and Landslide Susceptibility Assessment**
Marschalko M., Bednarik M., YILMAZ I.
Kosice Technical University, Slovakia, Koshice, 2014
- VI. **Mühendislik Jeolojisi: İlkeler ve Temel Kavramlar**
Yılmaz I.
Bilim Teknik Yayınları, Ankara, 2007
- VII. **Mühendislik Jeolojisinde Alan Araştırması**
Yılmaz I.

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Analyzes of brown coal in connection with higher sulfur contents in Sokolovská uhelná**
Milos D., Augustin M., Niemiec D., Yang S., Kubac J., Matuszkova B., Sombathy E., Montero O., YILMAZ I., MARSCHALKO M.
5th World Multidisciplinary Earth Sciences Symposium - WMESS 2019, 9 - 13 Eylül 2019, cilt.362, ss.12166
- II. **Ore Mining of Kutnohorsko and its Economic Importance for Construction and Development**
Milos D., Niemiec D., Sombathy E., MARSCHALKO M., YILMAZ I., Matuszkova B., Montero O., Yang S.
4th World Multidisciplinary Civil Engineering, Architecture, Urban Planning Symposium (WMCAUS2019), 17 - 21 Haziran 2019, cilt.603, ss.52085
- III. **Study on the Performance of Lime Column Technique for Treatment of a Na-Bentonite Clay**
TOKSÖZ D., YILMAZ I.
3rd World Multidisciplinary Earth Sciences Symposium, WMESS 2018, Prague, Çek Cumhuriyeti, 3 - 07 Eylül 2018, cilt.221
- IV. **Quantification of the Quaternary Geological Structure Using Geological Cross-Sections in a Selected Part of the Moravian-Silesian Region for Geotechnical Purposes**
Kubac J., Marschalko M., Niemiec D., YILMAZ I., Cheng X., Duraj M.
3rd World Multidisciplinary Civil Engineering, Architecture, Urban Planning Symposium (WMCAUS), Prague, Çek Cumhuriyeti, 18 - 22 Haziran 2018, cilt.471
- V. **A study on the performance of lime column technique for treatment of a Na-bentonite clay**
TOKSÖZ D., YILMAZ I.
World Multidisciplinary Earth Sciences Symposium WMESS 2018, 3 - 07 Eylül 2018, cilt.221
- VI. **Şişen Zeminlerin Kireç Kolonu Tekniğiyle İyileştirilmesi Sırasında İyon Göçü ve Kolon Performansının Şişen Kil Oranına Bağlı Olarak Değerlendirilmesi / Evaluation of the Ion Migration and Column Performance Depending on the Swelling Clay Content During Expansive Soil Stabilization with Lime Column Technique**
TOKSÖZ D., YILMAZ I.
71. Türkiye Jeoloji Kurultayı, 23 - 27 Nisan 2018
- VII. **Mineralogical Changes in a Montmorillonite Type of Clay Treated with Lime Column**
TOKSÖZ D., YILMAZ I., YILDIRIM M., HOZATLIOĞLU D.
WMESS 2017, 11 - 15 Eylül 2017
- VIII. **MINERALOGICAL CHANGES IN A MONTMORILLONITE CLAY TREATED WITH LIME COLUMN**
TOKSÖZ D., YILMAZ I., YILDIRIM M., HOZATLIOĞLU D.
World Multidisciplinary Earth Sciences - WMESS 2017, 11 - 15 Eylül 2017
- IX. **FallGIS COMPUTER PROGRAM AND MAPPING OF KINEMATICALLY CONTROLLED LANDSLIDES**
YILMAZ I.
World Multidisciplinary Earth Sciences - WMESS 2017, 11 - 15 Eylül 2017
- X. **SOME KARST STRUCTURES IN GYPSUM TERRAINS AND THEIR EVALUATION TO BE A GEOLOGICAL HERITAGE**
YILMAZ I.
World Multidisciplinary Earth Sciences - WMESS 2017, 11 - 15 Eylül 2017
- XI. **ON THE MODELLING AND MAPPING OF THE COLLAPSE SUSCEPTIBILITY IN GYPSUM TERRAIN**
YILMAZ I.
World Multidisciplinary Earth Sciences - WMESS 2017, 11 - 15 Eylül 2017
- XII. **HOW DOES THE TYPE OF WATER AFFECT SWELLING BEHAVIOR OF CLAYS?**
YILMAZ I.
World Multidisciplinary Earth Sciences - WMESS 2017, 11 - 15 Eylül 2017
- XIII. **HOW IS THE STRENGTH OF ROCK AFFECTED BY THE CRYSTAL SIZE?**

YILMAZ I.

World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium - WMCAUS 2017, 12 - 16
Haziran 2017

XIV. THE EFFECT OF HEAVE SOURCED FROM THE SWELLING CLAYS ON THE WATER CANALS

YILMAZ I.

World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium - WMCAUS 2017, 12 - 16
Haziran 2017

XV. The determination of lime migration in lime stabilization of clay soils

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World Multidisciplinary Earth Sciences Symposium – WMESS 2016, 5 - 09 Eylül 2016

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World Multidisciplinary Earth Sciences – WMESS 2016, 5 - 09 Eylül 2016

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TOKSÖZ D., YILMAZ I.

World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium - WMCAUS 2016, 13 - 17
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TOKSÖZ D., YILMAZ I.

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World Multidisciplinary Earth Sciences symposium (WMESS), Prague, Çek Cumhuriyeti, 5 - 09 Eylül 2016, cilt.44

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World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), Prague, Çek Cumhuriyeti, 13 - 17 Haziran 2016, cilt.161, ss.2265-2270

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World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), Prague, Çek Cumhuriyeti, 13 - 17 Haziran 2016, cilt.161, ss.399-406

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Zasterova P., Niemiec D., Marschalko M., Durd'ak J., Duraj M., YILMAZ I., Drusa M.

World Multidisciplinary Earth Sciences symposium (WMESS), Prague, Çek Cumhuriyeti, 5 - 09 Eylül 2016, cilt.44

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Marschalko M., Duraj M., Niemiec D., YILMAZ I., Pryvalov A.
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- XXVIII. **Occurrences of Mineralized Waters and Mineral Springs in Kysuce and Their Meaning for Geotourism**
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World Multidisciplinary Earth Sciences symposium (WMESS), Prague, Çek Cumhuriyeti, 5 - 09 Eylül 2016, cilt.44
- XXIX. **Conservation of Selected Churches in the Most Region and Karvina Region and Their Significance for Geotourism**
Niemiec D., Duraj M., Marschalko M., YILMAZ I.
World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), Prague, Çek Cumhuriyeti, 13 - 17 Haziran 2016, cilt.161, ss.2276-2281
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Türk T., Hastaoğlu K. Ö. , Poyraz F., Demirel M., Yılmaz I.
World Multidisciplinary Earth Sciences Symposium, Praha, Çek Cumhuriyeti, 7 - 11 Eylül 2015
- XXXI. **Classifier ensemble of instance based learning algorithm with rotation forest technique for mapping of rainfall induced shallow landslides using GIS**
Tien Bui D., Hoang N. D. , YILMAZ I.
World Multidisciplinary Earth Sciences Symposium – WMESS 2015, Prag, Çek Cumhuriyeti, 7 - 11 Eylül 2015
- XXXII. **Determination of the landslide risk by Geographical Information Systems GIS on the NorthAnatolian Fault Zone Turkey**
TÜRK T., HASTAOĞLU K. Ö. , POYRAZ F., DEMİREL M., YILMAZ I.
The World Multidisciplinary Earth Sciences, PRAG, Çek Cumhuriyeti, 7 - 11 Eylül 2015, ss.178
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Yıldırım M., KESKİN İ., YILMAZ I., ATEŞ A.
World Multidisciplinary Earth Sciences Symposium – WMESS 2015, Prag, Çek Cumhuriyeti, 7 - 11 Eylül 2015
- XXXIV. **Preparation of GIS based medium scale settlement suitability plans of Sivas city province by using Analytical Hierarchy Process AHP**
CEYLAN Ş., YILMAZ I.
World Multidisciplinary Earth Sciences Symposium – WMESS 2015, Prag, Çek Cumhuriyeti, 7 - 11 Eylül 2015
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TOKSÖZ D., YILMAZ I., NEFESLİOĞLU H. A. , Marschalko M.
World Multidisciplinary Earth Sciences Symposium – WMESS 2015, Prag, Çek Cumhuriyeti, 7 - 11 Eylül 2015
- XXXVI. **Morphometric and geological features of karstic depressions in gypsum Sivas Turkey**
KESKİN İ., YILMAZ I.
World Multidisciplinary Earth Sciences Symposium – WMESS 2015, Prag, Çek Cumhuriyeti, 7 - 11 Eylül 2015
- XXXVII. **Determination of 3D landslide movement from Multi Temporal ENVISAT ASAR Images**
Hastaoğlu K. Ö. , Yılmaz I., Poyraz F., Demirel M., Türk T.
The World Multidisciplinary Earth Sciences, Praha, Çek Cumhuriyeti, 7 - 11 Eylül 2015
- XXXVIII. **Rock mass parameters based doline susceptibility mapping in gypsum terrain**
YILMAZ I., KESKİN İ., Marschalko M.
World Multidisciplinary Earth Sciences Symposium – WMESS 2015, Prag, Çek Cumhuriyeti, 7 - 11 Eylül 2015
- XXXIX. **Koyulhisar heyelanının GPS yöntemiyle izlenmesi ilk 8 periyot GPS ölçüm sonuçları**
Hastaoğlu K. Ö. , Demirel M., Poyraz F., Koçbulut F., Türk T., Tatar O., Yılmaz I., Duman H.
Aktif Tektonik Araştırma Grubu (ATAG) 18. Çalıştayı, Muğla, Türkiye, 5 - 07 Kasım 2014
- XL. **İnce Taneli Zeminlerin Sınıflandırılmasında Bulanık Mantığın Kullanılabilirliği**
TOKSÖZ D., YILMAZ I., NEFESLİOĞLU H. A. , Marschalko M.

67. Türkiye Jeoloji Kurultayı, Türkiye, 14 - 18 Nisan 2014

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Vlcek J., Niemiec D., Zasterova P., Matuszkova B., Heviankova S., Kyncl M., Marschalko M., YILMAZ I., Bendova M., Dirner V., et al.
14th International Multidisciplinary Scientific Geoconference (SGEM), Albena, Bulgaristan, 17 - 26 Haziran 2014, ss.33-40
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Vlcek J., Bulko R., Niemiec D., Zasterova P., Kais L., Matuszkova B., Heviankova S., Kyncl M., Marschalko M., YILMAZ I., et al.
14th International Multidisciplinary Scientific Geoconference (SGEM), Albena, Bulgaristan, 17 - 26 Haziran 2014, ss.259-266
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Duraj M., Heviankova S., Kyncl M., Marschalko M., YILMAZ I.
14th International Multidisciplinary Scientific Geoconference (SGEM), Albena, Bulgaristan, 17 - 26 Haziran 2014, ss.345-351
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Türkiye Ulusal Jeodezi Komisyonu (TUJK) 2013 Toplantısı - Doğal Afetler ve Jeodezi, Sivas, Türkiye, 7 - 08 Kasım 2013
- XLVI. GPS ve Ps Insar Yöntemleri Kullanılarak Koyulhisar Sivas Heyelanlarının İzlenmesi**
HASTAOĞLU K. Ö. , POYRAZ F., TÜRK T., KOÇBULUT F., ŞANLI D. U. , YILMAZ I., ŞANLI F. B. , KUÇAK R. A. , MEHMET D., GÜRİSOY Ö., et al.
TUJK 2013 - Doğal Afetler ve Jeodezi, Türkiye, 7 - 08 Kasım 2013
- XLVII. STUDY OF DIFFERENT FORMS OF COAL SUBSTANCE IN CARBONIFEROUS SEDIMENTS AND CALCULATION OF ITS TOTAL CONTENT IN THE BOREHOLE**
Duraj M., Heviankova S., Kyncl M., Bestova I., Marschalko M., YILMAZ I., Penaz T., Orlando A. M.
13th International Multidisciplinary Scientific Geoconference, SGEM 2013, Albena, Bulgaristan, 16 - 22 Haziran 2013, ss.179-182
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13th International Multidisciplinary Scientific Geoconference, SGEM 2013, Albena, Bulgaristan, 16 - 22 Haziran 2013, ss.693-695
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Drusa M., Lamich D., Vlcek J., Heviankova S., Kyncl M., Marschalko M., YILMAZ I., Bouchal T., Bendova M., Kubeckova D., et al.
13th International Multidisciplinary Scientific Geoconference, SGEM 2013, Albena, Bulgaristan, 16 - 22 Haziran 2013, ss.533-535
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Vlasek R., Penaz T., Welser P., YILMAZ I., Bouchal T., Drusa M., Stalmachova B., Duraj M.
12h International Multidisciplinary Scientific Geoconference (SGEM), Albena, Bulgaristan, 17 - 23 Haziran 2012, ss.191-195
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Kubeckova D., Kubecka K., Penaz T., Marschalko M., YILMAZ I., Bouchal T., Drusa M., Bendova M., Duraj M.
12h International Multidisciplinary Scientific Geoconference (SGEM), Albena, Bulgaristan, 17 - 23 Haziran 2012, ss.331-335
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Kubecka K., Kubeckova D., Penaz T., Marschalko M., YILMAZ I., Bouchal T., Drusa M., Bendova M., Duraj M.
12th International Multidisciplinary Scientific Geoconference (SGEM), Albena, Bulgaristan, 17 - 23 Haziran 2012, ss.339-343

- LII. **SELECTED GEOBARRIERS AS PART OF LAND USE PLANNING INFORMATION AND RATING SERVICE**
Marschalko M., YILMAZ I., Kubecka K., Bednarik M., Duraj M., Lahuta H.
11th International Multidisciplinary Scientific GeoConference, Albena, Bulgaristan, 20 - 25 Haziran 2011, ss.591-594
- LIII. **THE IMPORTANCE OF THE ENGINEERING-GEOLOGICAL CONDITIONS IDENTIFIED IN LAND USE PLANS IN THE SPA DARKOV REGION (CZECH REPUBLIC)**
Marschalko M., YILMAZ I., Kubecka K., Bouchal T., Bednarik M., Lahuta H., Duraj M.
11th International Multidisciplinary Scientific GeoConference, Albena, Bulgaristan, 20 - 25 Haziran 2011, ss.637-639
- LIV. **THE CRITERION OF THE PRE-QUATERNARY BEDROCK AS IMPORTANT INFORMATION FOR THE FUTURE FOUNDATION ENGINEERING PURPOSES WITHIN THE PLANNED DEVELOPMENT**
Marschalko M., YILMAZ I., Kubecka K., Bouchal T., Bednarik M., Lahuta H., Duraj M.
11th International Multidisciplinary Scientific GeoConference, Albena, Bulgaristan, 20 - 25 Haziran 2011, ss.615-616
- LV. **A NEW TESTING METHOD FOR INDIRECT DETERMINATION OF THE UNCONFINED COMPRESSIVE STRENGTH OF THE ROCKS: CORE STRANGLE TEST (CST)**
Yilmaz I.
9th International Multidisciplinary Scientific Geo-Conference and Expo, Albena, Bulgaristan, 14 - 19 Haziran 2009, ss.177
- LVI. **GYPHUM: AS AN ADDITIVE FOR STABILIZATION OF SWELLING CLAYS**
YILMAZ I., Civelekoglu B.
9th International Multidisciplinary Scientific Geo-Conference and Expo, Albena, Bulgaristan, 14 - 19 Haziran 2009, ss.245
- LVII. **GYPHUM HAZARDS AND IMPORTANCE OF SUSCEPTIBILITY MAPPING: AN EXAMPLE FROM SIVAS BASIN (TURKEY)**
Yilmaz I.
9th International Multidisciplinary Scientific Geo-Conference and Expo, Albena, Bulgaristan, 14 - 19 Haziran 2009, ss.33
- LVIII. **ROCKFALL HAZARD MAPPING USING GIS SOFTWARE: AN APPLICATION IN A SELECTED AREA FROM SEBINKARAHISAR (GIRESUN-TURKEY)**
YILMAZ I., KESKİN İ., YILDIRIM M., Civelekoglu B.
8th International Scientific Conference on Modern Management of Mine Producing, Geology and Environmental Protection, Sofija, Bulgaristan, 16 - 20 Haziran 2008, ss.467
- LIX. **Toe erosion induced landslides from Şebinkarahisar (Giresun-Turkey): Part II, physically based susceptibility mapping**
YILMAZ I., KESKİN İ.
Int. Conf. SGEM 2007, 7 - 11 Haziran 2007
- LX. **Toe erosion induced landslides from Şebinkarahisar (Giresun-Turkey): Part I**
YILMAZ I., KESKİN İ.
Int. Conf. SGEM 2007, 7 - 11 Haziran 2007
- LXI. **Landslide susceptibility mapping and use of Artificial Neural Networks**
YILMAZ I.
Int. Conf. SGEM 2005, 5 - 09 Haziran 2005
- LXII. **Pre-investigation of the Kat county landslides in the North Anatolian Fault zone (Tokat, Turkey): structural and geomorphological aspects**
YILMAZ I., YILDIRIM M.
Int. Conf. SGEM 2004, 9 - 13 Haziran 2004
- LXIII. **A landslide threatening the spillway of a dam: an example of Ozen dam (Sivas-Turkey)**

SAĞLAM B., YILMAZ I.

3rd Int. Conf. SGEM 2003, 11 - 15 Haziran 2003

LXIV. Koyulhisar (Sivas) landslides, their classifications and investigations

SENDİR H., YILMAZ I.

4th International Turkish Geology Symposium (ITGS IV), 24 - 28 Eylül 2001

LXV. Geo-engineering properties of Erbaa basin' s clayey alluvial soils

YILMAZ I., KARACAN E.

3rd International Turkish Geology Workshop, 3 - 07 Eylül 1998

LXVI. Geo-engineering characteristics of Cumhuriyet University (Sivas-Turkey) campus area soils. EUG 8, Strasbourg, France, p. 294

YILMAZ I., KARACAN E.

EUG 8, 9 - 14 Ekim 1995

LXVII. Geotechnical characteristics and mineralogy of clays used in Çamlığöze dam (Suşehri-Sivas)' s clay core

YILMAZ I., KARACAN E.

2nd International Turkish Geology Workshop, 5 - 09 Mayıs 1995

Bilimsel Dergilerdeki Faaliyetler

Bulletin Of Engineering Geology And The Environment, Editör, 2010 - Devam Ediyor

Environmental Geology, Editörler Kurulu Üyesi, 2005 - Devam Ediyor

Atıflar

Toplam Atıf Sayısı (WOS):3077

h-indeksi (WOS):26

Ödüller

Yılmaz I., Medal of Science, University Of Zilina, Mart 2018

Yılmaz I., Lütfü Abay Kültür Eğitim Vakfı, Cumhuriyet Üniversitesi, Haziran 2015

Yılmaz I., Erguvanlı Ödülü, Mühendislik Jeolojisi Türk Milli Komitesi, Haziran 2000