

Prof. YÜKSEL YILMAZ

Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), Turkey 2001 - 2006

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), Turkey 1997 - 2000

Under Graduate, Middle East Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1992 - 1996

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, 2017 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2011 - Continues

Assistant Professor, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2009 - 2011

Assistant Professor, Kirikkale University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2007 - 2009

Research Assistant, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1998 - 2006

Courses

YÜKSEK LİSANS UZMANLIK ALANI, Post Graduate, 2017 - 2018

BİTİRME PROJESİ (NÖ), Post Graduate, 2016 - 2017, 2017 - 2018

BİTİRME ÖDEVİ, Under Graduate, 2017 - 2018

ZEMİN MEKANİĞİ II, Post Graduate, 2016 - 2017, 2017 - 2018

ZEMİN MEKANİĞİ I, Post Graduate, 2016 - 2017, 2017 - 2018

İNŞ. MÜH. ARAŞ. VE PROJE, Under Graduate, 2017 - 2018

TEMEL MÜHENDİSLİĞİ II (İÖ), Post Graduate, 2016 - 2017, 2017 - 2018

Advising Theses

YILMAZ Y., Doyurma basıncı ve su sıcaklığının örselenmiş bir kil zeminin drenajsız kayma dayanımına etkisinin araştırılması, Post Graduate, E.KHASHABI(Student), 2019

YILMAZ Y., Toprak şevlerin stabilite analizine yönelik grafik çözümlerin incelenmesi, Post Graduate, F.BEGÜM(Student), 2019

YILMAZ Y., Kızılcahamam atıksu arıtma tesisi jet grout kolon temel sisteminin imalatı ve performansı, Post Graduate, O.ÇELİK(Student), 2019

YILMAZ Y., Construction And Performance Of Kızılcahamam Wastewater Treatment Plant Jet Grout Column Foundation System, O.Çelik(Student), 2019

YILMAZ Y., A Review Of Chart Solutions For Stability Analysis Of Earth Slopes, F.Begüm(Student), 2019

YILMAZ Y., Sıkıştırılmış ara zeminlerin drenajlı ve drenajsız kayma dayanımı parametrelerinin ilişkilendirilmesi, Post Graduate, M.İRŞAD(Student), 2017

YILMAZ Y., Investigating The Correlation Between The Drained And Undrained Shear Strength Parameters Of Compacted

Soils, M.İrşad(Student), 2017

YILMAZ Y., Design of conduit systems through roller compacted concrete (RCC) dam, Post Graduate, M.MURAT(Student), 2014

YILMAZ Y., Geotechnical properties of Koper Port (Slovenia) dredge mud-sand mixtures, A.Pellumbi(Student), 2014

YILMAZ Y., The experimental research of combined effect of various dispersive agents and cement on undrained shear strength of high plasticity clayey soil, Post Graduate, B.CEYLAN(Student), 2014

YILMAZ Y., Experimental investigation of the pull out capacity of model soil nails in granular soils, Post Graduate, K.AKÇAY(Student), 2014

YILMAZ Y., The comparison of empirically and theoretically calculated pile settlement with full scale pile load test findings, Post Graduate, G.SALİHİ(Student), 2014

YILMAZ Y., Investigation of the effect of different saturation methods on the undrained shear strength of a compacted clayey soil, Post Graduate, A.BAHARİ(Student), 2014

YILMAZ Y., Experimental investigation of the effect of height-diameter ratio on the unconfined compressive strength of a clayey soil, Post Graduate, S.SALEHI(Student), 2014

YILMAZ Y., The investigation of effect of a possible local weak zone under an earthfill dam on the displacement-stress behavior of the dam, Post Graduate, G.İLTER(Student), 2014

YILMAZ Y., Unconfined compressive strength of compacted fly ash and CL class clay mixture at standard and modified proctor energy levels, Post Graduate, O.YILMAZ(Student), 2013

YILMAZ Y., Unconfined compressive strength properties of various dispersing agents and cement stabilized clay, Post Graduate, A.GÖREN(Student), 2013

YILMAZ Y., Investigation of unconfined compressive strength of cement mixed sand compacted under various static pressures, Post Graduate, V.BARZEGARI(Student), 2013

YILMAZ Y., Türkiye'deki dolgu barajların geçirimsiz çekirdek bölgelerinde kullanılan malzemelerin geoteknik zemin özelliklerinin istatistiksel değerlendirmesi, Post Graduate, F.ÇETİN(Student), 2009

YILMAZ Y., Polipropilen fiber ve uçucu kül katkılı ankara kilinin geoteknik özelliklerinin araştırılması, Post Graduate, Ü.SEVENCAN(Student), 2009

YILMAZ Y., Değişik oranlarda kum içeren örselenmiş Ankara kilinin serbest basınç dayanımı ile direkt çekme dayanımının ilişkilendirilmesi, Post Graduate, T.ALAGÖZ(Student), 2008

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

- I. **Influence of particle size on the drained shear behavior of a dense fluvial sand**
Deng Y., YILMAZ Y., GÖKÇE A., Chang C. S.
ACTA GEOTECHNICA, 2021 (Journal Indexed in SCI)
- II. **Mechanical Behaviour of Atrazine-Contaminated Clay**
Keramatikerman M., Chegenizadeh A., Nikraz H., YILMAZ Y.
APPLIED SCIENCES-BASEL, vol.10, no.7, 2020 (Journal Indexed in SCI)
- III. **Effects of height-to-diameter ratio (H/D) for specimens with various water contents on unconfined compressive strength of a clayey soil**
YILMAZ Y., Eun J., Panahi S. S., Mousavi M. S.
ENGINEERING GEOLOGY, vol.257, 2019 (Journal Indexed in SCI)
- IV. **Use of Standard and Off-Spec Fly Ashes for Soil Stabilization**
YILMAZ Y., Coban H. S., Cetin B., Edil T. B.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.31, no.2, 2019 (Journal Indexed in SCI)
- V. **Individual and combined effect of Portland cement and chemical agents on unconfined compressive strength for high plasticity clayey soils**
YILMAZ Y., Eun J., Goren A.
GEOMECHANICS AND ENGINEERING, vol.16, no.4, pp.375-384, 2018 (Journal Indexed in SCI)
- VI. **Effect of Lime Treatment on Static Liquefaction Behavior of Sand-Bentonite Mixtures**
Keramatikerman M., Chegenizadeh A., YILMAZ Y., Nikraz H.

- JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.30, no.11, 2018 (Journal Indexed in SCI)
- VII. **Compressive strength characteristics of cement treated sand prepared by static compaction method**
YILMAZ Y., Cetin B., Kahnemouei V. B.
GEOMECHANICS AND ENGINEERING, vol.12, no.6, pp.935-948, 2017 (Journal Indexed in SCI)
- VIII. **Compaction and strength characteristics of fly ash and fiber amended clayey soil**
YILMAZ Y.
ENGINEERING GEOLOGY, vol.188, pp.168-177, 2015 (Journal Indexed in SCI)
- IX. **Compaction and shear strength characteristics of colemanite ore waste modified active belite cement stabilized high plasticity soils**
YILMAZ Y., Ozaydin V.
ENGINEERING GEOLOGY, vol.155, pp.45-53, 2013 (Journal Indexed in SCI)
- X. **Engineering Properties of Medium-to-Fine Sands Injected with Microfine Cement Grout**
MOLLAMAHMUTOĞLU M., YILMAZ Y.
MARINE GEORESOURCES & GEOTECHNOLOGY, vol.29, no.2, pp.95-109, 2011 (Journal Indexed in SCI)
- XI. **Pre- and post-cyclic loading strength of silica-grouted sand**
Mollamahmutoglu M., YILMAZ Y.
Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, vol.163, no.6, pp.343-348, 2010 (Journal Indexed in SCI Expanded)
- XII. **Characterization of liquefaction susceptibility of sands by means of extreme void ratios and/or void ratio range**
YILMAZ Y., Mollamahmutoglu M.
Journal of Geotechnical and Geoenvironmental Engineering, vol.135, no.12, pp.1986-1990, 2010 (Journal Indexed in SCI Expanded)
- XIII. **Experimental investigation of the strength properties of sand-clay mixtures reinforced with randomly distributed discrete polypropylene fibers**
YILMAZ Y.
GEOSYNTHETICS INTERNATIONAL, vol.16, no.5, pp.354-363, 2009 (Journal Indexed in SCI)
- XIV. **Experimental investigation of the effect of grading characteristics on the liquefaction resistance of various graded sands**
YILMAZ Y., Mollamahmutoglu M., Ozaydin V., Kayabali K.
Engineering Geology, vol.100, pp.91-100, 2008 (Journal Indexed in SCI Expanded)
- XV. **Potential use of fly ash and bentonite mixture as liner or cover at waste disposal areas**
Mollamahmutoglu M., YILMAZ Y.
ENVIRONMENTAL GEOLOGY, vol.40, pp.1316-1324, 2001 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Effect of a Class C Fly Ash on the Geotechnical Properties of an Expansive Soil**
MOLLAMAHMUTOĞLU M., YILMAZ Y., AHMET GÜRKAN G.
KU International Journal of Research and Development, vol.1, no.1, pp.1-5, 2009 (Other Refereed National Journals)
- II. **Grouting Performance of Microfine Cement and Silica Fume Mix into Sands**
MOLLAMAHMUTOĞLU M., YILMAZ Y., KUTLU İ.
Journal Of Astm International, vol.4, no.4, pp.100462, 2007 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Compressive Strength for High Plasticity Clayey Soil Mixed with Cement and Dispersive Agents**
YILMAZ Y., Eun J., GÖREN A.

The 5th International Grouting Conference, GROUTING 2017, 9 - 12 July 2017

- II. **Evaluation of Unconfined Compressive Strength for High Plasticity Clayey Soil Mixed with Cement and Dispersive Agents**
YILMAZ Y., Eun J., Goren A.
5th International Conference on Grouting, Deep Mixing, and Diaphragm Walls, Hawaii, United States Of America, 9 - 12 July 2017, pp.270-279
- III. **Teorik ve ampirik yaklaşımlarla elde edilen kazık oturma değerlerinin arazi yükleme deneyi sonuçları ile kıyaslanması**
salihi g., YILMAZ Y., Tonyalı İ.
6. Geoteknik Sempozyumu, Turkey, 26 - 27 November 2015
- IV. **Investigation of the effect of a polypropylene fiber material on the shear strength and CBR characteristics of high plasticity Ankara clay**
Mollamahmutoglu M., YILMAZ Y.
8th International Conference on the Bearing Capacity of Roads, Railways and Airfields, BCR2A'09, Champaign, IL, United States Of America, 29 June - 02 July 2009, vol.2, pp.1113-1116
- V. **Fine gravel content effect on the undrained shear strength characteristics of highly plastic clayey soil**
MOLLAMAHMUTOĞLU M., YILMAZ Y.
2nd International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, 28 - 30 May 2009

Supported Projects

- YILMAZ Y., Project Supported by Higher Education Institutions, KİLLİ ZEMİNLERİN HİDROLİK İLETKENLİKLERİ ÜZERİNE NUMUNE BOYUTUNUN VE NUMUNE ALMA YÖNÜNÜN ETKİSİNİN DENEYSEL OLARAK ARAŞTIRILMASI, 2011 - 2015
- YILMAZ Y., Project Supported by Higher Education Institutions, Killi zeminlerde kompaksiyon (Sıkıştırma) enerjisinin CBR ve Mukavemet parametrelerine etkisinin araştırılması, 2010 - 2011

Citations

Total Citations (WOS):214

h-index (WOS):8