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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-6889-2018

Yoksis Researcher ID: 203606

Education Information

Doctorate, Bogazici University, Institute Of Science, İnşaat Mühendisliği (Dr), Turkey 1988 - 1996

Postgraduate, Bogazici University, Institute Of Science, İnşaat Mühendisliği (YI) (Tezli), Turkey 1986 - 1988

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1981 - 1985

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Kocaeli University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1997 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An in situ low-pressure grouting application**
MUTMAN U., KAVAK A.
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-GEOTECHNICAL ENGINEERING, vol.166, no.4, pp.375-388, 2013 (SCI-Expanded)
- II. **Long-term behavior of lime-stabilized kaolinite clay**
KAVAK A., Baykal G.
ENVIRONMENTAL EARTH SCIENCES, vol.66, no.7, pp.1943-1955, 2012 (SCI-Expanded)
- III. **In-situ modification of a road material using a special polymer**
KAVAK A., BİLGEN G., MUTMAN U.
SCIENTIFIC RESEARCH AND ESSAYS, vol.5, no.17, pp.2547-2555, 2010 (SCI-Expanded)
- IV. **EFFECTS OF SEAWATER ON GEOTECHNICAL PROPERTIES OF A CLAY SOIL**
BİLGEN G., KAVAK A.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.19, pp.1623-1628, 2010 (SCI-Expanded)

V. A field application for lime stabilization

Kavak A., Akyarlı A.

ENVIRONMENTAL GEOLOGY, vol.51, no.6, pp.987-997, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Causes of Bursa Yıldırım district mollaarap landslide and improvement studies**
CORUK Ö., KAVAK A.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.26, no.8, pp.1408-1412, 2020 (ESCI)
- II. **Reuse of Ground Granulated Blast Furnace Slag (GGBFS) in Lime Stabilized Embankment Materials**
KAVAK A., BİLGİN G.
IACSIT International Journal of Engineering and Technology, vol.8, no.1, pp.11-14, 2016 (Peer-Reviewed Journal)
- III. **Zayıf Zeminlerin Kireç ile İyileştirilmesi**
KAVAK A.
Kireç Dünyası, vol.1, no.1, pp.12-17, 2015 (Peer-Reviewed Journal)
- IV. **THE EFFECT OF COMPACTION FOR A LIME STABILIZATION APPLICATION**
KAVAK A.
International Journal of Advances in Mechanical and Civil Engineering, vol.2, no.3, pp.47-50, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Denizli-Afyonkarahisar Demiryolu Bozkurt-Dinar Arası Hat Yenileme Projesinde Novocrete® Teknolojisi ile Zemin İyileştirme Uygulamaları**
CORUK Ö., KAVAK A., AYDINER A.
MÜHJEO'2019, Ulusal Mühendislik Jeolojisi ve Jeoteknik Sempozyumu, Turkey, 03 October 2019, pp.81-87
- II. **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
- III. **Killi Zeminlerin Seçilmiş Bazı Kimyasallar ile Rehabilitasyonu**
BİLGİN G., KAVAK A., CORUK Ö.
18. Ulusal Kıl Sempozyumu, Kocaeli, Turkey, 25 - 27 September 2019, pp.92-98
- IV. **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
- V. **A New Binder Mineral for Cement Stabilized Road Pavement Soils**
KAVAK A., CORUK Ö., AYDINER A.
Sixth International Conference On Advances in Civil, Structural and Mechanical Engineering - ACSM 2017, Bangkok, Thailand, 25 - 26 February 2017
- VI. **High Embankment Fills Using Hydraulic Lime For Improvement Of A High Plasticity Clay**
KAVAK A., Özgür M. A., Baybaş Ö., Atay S.
5th Mediterranean Clay Meeting, MCM2016 Conference, Çeşme, Turkey, 25 - 29 November 2016
- VII. **Developments in Lime Stabilization Applications in Turkey**
KAVAK A.
1. Via Calco-symposium, Belgrade, Serbia, 30 October - 01 November 2015
- VIII. **İNŞAAT FAALİYETLERİNDE SÜRDÜRÜLEBİLİR ALTYAPI ÇALIŞMALARI**

KAVAK A.

7. ULUSAL KATI ATIK YÖNETİMİ KONGRESİ, Gaziantep, Turkey, 14 - 16 October 2015

IX. The effect of compaction for a Lime stabilization application

KAVAK A.

International Conference on Civil, Environmental and Medical Engineering (ICEME), 20 - 21 March 2015

X. Treatment of Marine Clay with Hydrated Lime and Quicklime

KAVAK A., Tuyluce F.

Symposium on Lime - Building on the 100-Year Legacy of ASTM-Committee-C07, California, United States Of America, 28 June 2012, vol.1557, pp.90-105

XI. Yüksek Fırın Cürufunun İnşaat Sektöründeki Yeri ve Önemi

BİLGİN G., KAVAK A., YILDIRIM S. T., ÇAPAR Ö. F.

2. Ulusal Katı Atık Yönetimi Kongresi, Mersin, Turkey, 18 - 20 October 2010, pp.505-513

XII. The Effect of Modulus of Subgrade Reaction on the Behavior of a Structure Subjected to Earthquake Loads

MUTMAN U., KAVAK A., MEYDANLI ATALAY H.

International Earthquake Symposium-2009, Kocaeli, Turkey, 17 - 19 August 2009

XIII. LIME STABILIZATION AND ITS EFFECT ON ROAD CROSS-SECTION

KAVAK A., KESKİN E., YILMAZ C., MUTMAN U.

PROCEEDINGS OF INTERNATIONAL CONFERENCE ON PROBLEMATIC SOILS, 25 - 27 May 2005

XIV. OTOYOL ALT TEMEL DOLGULARINDA KULLANILABİLECEK YUVARLAK VE KÖŞELİ DOLGU MALZEMELERİNİN KARŞILAŞTIRILMASI

KAVAK A., YILMAZ C., KESKİN E., MUTMAN U.

3. KENTSEL ALTYAPI SEMPOZYUMU, Turkey, 11 - 12 October 2001

XV. The behavior of lime-stabilized clays subjected to repeated loading

Kavak A., Baykal G.

15th International Conference on Soil Mechanics and Geotechnical Engineering, İstanbul, Turkey, 27 - 31 August 2001, pp.2101-2104

Supported Projects

KAVAK A., Project Supported by Higher Education Institutions, Killerde Kimyasal Stabilizasyon Malzemelerinin Optimizasyonu (Gamze BİLGİN Tez Projesi), 2010 - 2012

Metrics

Publication: 26

Citation (WoS): 78

Citation (Scopus): 96

H-Index (WoS): 3

H-Index (Scopus): 3

Non Academic Experience

Kocaeli Üniversitesi

Boğaziçi Üniversitesi