

## Assoc. Prof. YEŐİM GÜRTUĐ

### Personal Information

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### International Researcher IDs

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### Biography

1972 yılında MuĐla'da doğdum. Kadıköy Anadolu Lisesi'ni bitirdikten sonra DoĐu Akdeniz Üniversitesi İnŐaat MühendisliĐi Bölümü'nde lisans, yüksek lisans ve doktora eğitimi tamamladım. 2005 yılında Marmara Üniversitesi Mühendislik Fakültesi'nde ders vermeye başladım. Ardından 2006 yılında Mühendislik Fakültesi kadrosunda doktoralı öğretim üyesi olarak çalışmaya başladım. 2013'te doçent ünvanını aldım. Halen üniversitemiz bünyesinde Mühendislik Fakültesi'nde İnŐaat MühendisliĐi Bölümü'nde görev yapmaktayım.

### Education Information

Doctorate, Eastern Mediterranean University, İnŐaat MühendisliĐi, Cyprus (Kktc) 1997 - 2005

Postgraduate, Eastern Mediterranean University, İnŐaat MühendisliĐi, Cyprus (Kktc) 1995 - 1997

Undergraduate, Eastern Mediterranean University, İnŐaat MühendisliĐi, Cyprus (Kktc) 1990 - 1995

### Foreign Languages

English, C2 Mastery

### Dissertations

Postgraduate, economic comparison of pavement alternatives, Dogu Akdeniz Üniversitesi, İnŐaat MühendisliĐi, 1997

Doctorate, Effect of compaction behavior of fine grained soils , Dogu Akdeniz Üniversitesi, İnŐaat MühendisliĐi, 1997

### Research Areas

Transportation Engineering, Geotechnical

### Academic Titles / Tasks

Associate Professor, Marmara University, Faculty of Engineering, 2006 - Continues

## Academic and Administrative Experience

Marmara University, Faculty of Engineering, 2017 - Continues  
Marmara University, Faculty of Engineering, 2016 - Continues  
Marmara University, Faculty of Engineering, 2006 - Continues  
Marmara University, Faculty of Engineering, 2006 - 2013

## Advising Theses

GÜRTUĞ Y., BOZKURT KOPUZ E., Kamil Abduş Lagünü'nde tatlı ve tuzlu suyun su kirliliğinin kontrolü yönetmeliği kapsamında incelenmesi, Postgraduate, B.Yanık(Student), 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Water quality in Istanbul, Marmara Sea**  
Bozkurt Kopuz E., Kara G., Dinçer B., Gürtuğ Y.  
Journal Of The Indian Chemical Society, vol.96, pp.1189-1193, 2019 (SCI-Expanded)
- II. **Simplified Method to Predict Compaction Curves and Characteristics of Soils**  
GÜRTUĞ Y., Sridharan A., İKİZLER S. B.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.42, no.3, pp.207-216, 2018 (SCI-Expanded)
- III. **Prediction of the compressibility behavior of highly plastic clays under high stresses**  
Gurtug Y.  
APPLIED CLAY SCIENCE, vol.51, no.3, pp.295-299, 2011 (SCI-Expanded)
- IV. **Compressibility characteristics of soils**  
GÜRTUĞ Y., sridharan a.  
GEOTECHNICAL AND GEOLOGICAL ENGINEERING, vol.23, pp.615-634, 2005 (SCI-Expanded)
- V. **Compaction behaviour and prediction of its characteristics of fine grained soils with particular reference to compaction energy**  
Gurtug Y., Sridharan A.  
SOILS AND FOUNDATIONS, vol.44, no.5, pp.27-36, 2004 (SCI-Expanded)
- VI. **Swelling behaviour of compacted fine grained soils**  
GÜRTUĞ Y., sridharan a.  
Engineering Geology, vol.72, pp.9-18, 2004 (SCI-Expanded)
- VII. **Prediction of compaction characteristics of fine grained soils**  
sridharan a., GÜRTUĞ Y.  
Geotechnique, vol.52, pp.761-763, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Mikrobiyal Kalsiyum Karbonat Oluşum Mekanizmaları ve Uygulama Alanları**  
yıldırım n., GÜRTUĞ Y., SESAL N. C.  
Marmara Üniversitesi Fen-Bilimleri Dergisi, 2016 (Peer-Reviewed Journal)
- II. **MİKROBİYAL KALSİYUM KARBONAT OLUŞUM MEKANİZMALARI VE UYGULAMA ALANLARI**  
yıldırım n., GÜRTUĞ Y., SESAL N. C.  
Marmara Fen Bilimleri Dergisi, vol.28, pp.70-80, 2016 (Peer-Reviewed Journal)
- III. **Prediction of compaction behaviour at different energy levels**  
GÜRTUĞ Y.

## Refereed Congress / Symposium Publications in Proceedings

- I. **KAMİL ABDUŞ LAGÜNÜ'NDE TATLI VE TUZLU SUYUN SU KİRLİLİĞİNİN KONTROLÜ YÖNETMELİĞİ KAPSAMINDA İNCELENMESİ**  
YANIK B., BOZKURT KOPUZ E., GÜRTUĞ Y.  
GAZİANTEP UNIVERSITY 4TH INTERNATIONAL ENERGY ENGINEERING CONGRESS, Gaziantep, Turkey, 24 - 25 October 2019, pp.76-93
- II. **Water Quality in Istanbul, Marmara Sea**  
BOZKURT KOPUZ E., KARA G., DİNÇER B., GÜRTUĞ Y.  
International Conference on New Trends in Chemistry, Atina, Greece, 22 - 24 April 2019, pp.26
- III. **Üre ve CaCl<sub>2</sub> nin farklı konsantrasyonlarında ürolitik bakteriler tarafından kum zeminlerde mikrobiyal CaCo<sub>3</sub> oluşumu ve sem ile görüntüleme**  
GÜRTUĞ Y., SESAL N. C., yıldırım n.  
uluslararası katılımlı 7. geoteknik sempozyumu, İstanbul, Turkey, 22 - 24 November 2017, vol.1, pp.449-460
- IV. **The Similar and Dissimilar MIG Welding of 304 and 321 Austenitic Stainless Steels**  
ÇINAR Ö., ÇETİNER B. N., TOPCU İ., GÜRTUĞ Y., MERGEN A., GÜLLÜOĞLU A. N.  
"2nd International Mediterranean Science and Engineering Congress, IMSEC 2017, Adana, Turkey, 25 - 27 October 2017
- V. **Improvement of Sandy and Clayed Areas by Biocementatio**  
Yıldırım N., GÜRTUĞ Y., SESAL N. C.  
8th International Conference on Image Processing, Wavelet and Applications IWW2016, 22 - 24 September 2016
- VI. **application in sandy areas of biocementation formed by ureolytic bacteria**  
yıldırım n., GÜRTUĞ Y., SESAL N. C.  
IWW 2016 8th international conference on image processing, wavelength and applications, İstanbul, Turkey, 22 - 24 September 2016, pp.73
- VII. **improvement of sandy and clayey areas by biocementation**  
yıldırım n., GÜRTUĞ Y., SESAL N. C.  
IWW 8th international conference on image processing, wavelet and applications, İstanbul, Turkey, 22 - 24 September 2016, vol.1
- VIII. **The effect of CaCO<sub>3</sub> formed by ureolytic bacterias on swelling potential of bentonite**  
yıldırım n., GÜRTUĞ Y., SESAL N. C.  
4th international conference on new developments in soil mechanics and geotechnical engineering, 2 - 04 July 2016
- IX. **SEDIMENT VOLUME TEST FOR EXPANSIVE SOILS**  
GÜRTUĞ Y., BOZKURT E.  
ALL IN ONE CONFERENCES, 22 - 24 March 2015, pp.88-91
- X. **prediction of compaction behaviour of soils at different energy**  
GÜRTUĞ Y., asuri s.  
AIOC, 24 - 28 March 2015
- XI. **Sediment volume tests for expansive soil identification and classification**  
GÜRTUĞ Y., BOZKURT E.  
AIOC, 24 - 28 March 2015
- XII. **Permeability of compacted clays**  
GÜRTUĞ Y., sridharan a.  
advances in civil engineering, 21 - 25 October 2014
- XIII. **Compressibility behavior of compacted soil**  
GÜRTUĞ Y., sridharan a.  
Advances in civil engineering, 27 - 29 September 2010, pp.181

- XIV. **Simplified method of prediction of compaction characteristics of soils**  
GÜRTUĞ Y.  
New developments in soil mechanics and geotechnical engineering, 28 - 30 May 2009, pp.568-572
- XV. **the swelling behaviour of kose clay and bentonite mixtures**  
GÜRTUĞ Y., İKİZLER S. B.  
advances in civil engineering, 27 - 30 September 2010, pp.177
- XVI. **Kum ile stabilize edilmiş zeminlerin şişme basıncı tahmini**  
GÜRTUĞ Y., İKİZLER S. B., mustafa a., VEKLİ M.  
13.zemin ve temel ulusal kongresi, Turkey, 30 September - 01 October 2010, pp.793-801
- XVII. **Compressibility behavior of compacted bentonites under large pressures**  
GÜRTUĞ Y., sridharan a.  
advances in civil engineering, 15 - 17 September 2008, pp.199-205
- XVIII. **Thickness design of Rigid airport pavements by using Westergaard interior loading**  
GÜRTUĞ Y., emin g.  
advances in civil engineering, 25 - 27 September 2002
- XIX. **Economic comparison of pavement alternatives**  
emin g., GÜRTUĞ Y.  
Advances in Civil Engineering, 1 - 03 November 2000, pp.73-85

## Activities in Scientific Journals

International Journal of advances in Engineering and pure sciences, Committee Member, 2018 - Continues

## Tasks In Event Organizations

Gürtuğ Y., international 8th geotechnical semposium, Scientific Congress, İstanbul, Turkey, Kasım 2019

Gürtuğ Y., international civil and architectural conference 2019, Scientific Congress, Trabzon, Turkey, Nisan 2019

Gürtuğ Y., zemin mekaniği ve geoteknik mühendisliği 17.ulusal konferansı, Scientific Congress, İstanbul, Turkey, Eylül 2018

Gürtuğ Y., Uluslararası Katılımlı 7. Geoteknik Sempozyumu, Scientific Congress, İstanbul, Turkey, Kasım 2017

Gürtuğ Y., 1. ulusal genç geoteknik mühendisleri sempozyumu, Scientific Congress, Erzurum, Turkey, Ekim 2016

Gürtuğ Y., 16. zemin mekaniği ve geoteknik konferansı, Scientific Congress, Erzurum, Turkey, Ekim 2016

## Metrics

Publication: 30

Citation (WoS): 198

Citation (Scopus): 274

H-Index (WoS): 5

H-Index (Scopus): 6