

## Asst. Prof. YEŞİM SEMA ÜNSEVER GÜLER

### Personal Information

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### Education Information

Doctorate, Middle East Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2007 - 2015

Postgraduate, Middle East Technical University, Mühendislik Fakültesi, Turkey 2004 - 2007

Undergraduate, Middle East Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1999 - 2004

### Research Areas

Civil Engineering, Geotechnical, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2016 - Continues

Research Assistant, Middle East Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2005 - 2015

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

- I. **Behaviour of model pile foundations under dynamic loads in saturated sand**  
Unsever Y. S. , Matsumoto T., Esashi K., Kobayashi S.  
BULLETIN OF EARTHQUAKE ENGINEERING, vol.15, no.4, pp.1355-1373, 2017 (Journal Indexed in SCI)
- II. **Numerical analyses of load tests on model foundations in dry sand**  
Unsever Y. S. , Matsumoto T., ÖZKAN M. Y.  
COMPUTERS AND GEOTECHNICS, vol.63, pp.255-266, 2015 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **Büyükkuşla Barajı'nda Bulamaç Hendeği Yöntemi ile Geçirimsizlik Perdesi Uygulaması ve Sızma Analizi**  
Çakır E. N. , Ünsever Y. S.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.3, pp.974-980, 2019 (Other Refereed National Journals)
- II. **STABILIZATION OF CLAY SOILS USING FLY ASH**  
Diallo M. L. , ÜNSEVER Y. S.  
Black Sea Journal of Engineering and Science, vol.2, no.3, pp.81-87, 2019 (Refereed Journals of Other Institutions)
- III. **Static Cyclic Load Tests on Model Foundations in Dry Sand**  
ÜNSEVER Y. S. , MATSUMOTO T., SHİMONO S., ÖZKAN M. Y.

## Refereed Congress / Symposium Publications in Proceedings

- I. **Ön yüzü beton kaplı kaya dolgu barajı olan Büyükkumla barajı' nın tasarım esasları**  
Çakır E. N. , ÜNSEVER Y. S.  
4th International Conference on Civil, Enviromental, Geology and Mining Engineering, Trabzon, Turkey, 21 - 22 April 2019
- II. **ADVANTAGES OF PILED RAFTS OVER PILE GROUPS OBSERVED IN MODEL LOAD TESTS IN DRY AND SATURATED SAND GROUNDS**  
Matsumoto T, ÜNSEVER Y. S. , Vu A.  
Proceeding of PILE 2017, Bali, Indonesia, Balvi, Latvia, 26 - 27 September 2017
- III. **Shaking table test of model foundations in saturated sand**  
ÜNSEVER Y. S. , Tatsunori M., Esashi K.  
19th International Conference on Soil Mechanics and Geotechnical Engineering, Seoul, South Korea, 18 - 21 September 2017
- IV. **The Effect of Vertical Loading on Static Cyclic Horizontal Loading of a Capped Pile in Model Sand Ground**  
ÜNSEVER Y. S. , Matsumoto T, Özkan M. Y.  
12th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 - 23 September 2016
- V. **The behavior of piled raft model foundation under low frequencysinusoidal waves in dry sand**  
ÜNSEVER Y. S. , Tatsunori M.  
4th International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, Nicosia, Cyprus (Kktc), 2 - 04 June 2016, pp.511-518
- VI. **Shaking Table Tests of Piled Raft and Pile Group Foundations in Dry Sand**  
ÜNSEVER Y. S. , MATSUMOTO T, SHIMONO S.  
6th International Conference on Earthquake Geotechnical Engineering, Christchurch, New Zealand, 1 - 04 November 2015
- VII. **Physical and Numerical Modelling of Pile Foundations Subjected to Vertical and Horizontal Loading in Dry Sand**  
ÜNSEVER Y. S. , M YENER Ö., MATSUMOTO T, SHIMONO S., ESASHI K.  
14th International Conference of the International Association for Computer Methods and Advances in Geomechanics, Kyoto, Japan, 22 - 25 September 2014
- VIII. **Cyclic horizontal load experiments on model pile foundations in dry sand Part 2: Experimental results**  
ÜNSEVER Y. S. , Kawamori M., Tatsunori M., Kobayashi S., Shimono S.  
48th Japan National Conference on Geotechnical Engineering, Toyama, Japan, 1 - 03 July 2013
- IX. **Cyclic horizontal load experiments on model pile foundations in dry sand Part1: Experiment description**  
Kawamori M., ÜNSEVER Y. S. , Tatsunori M., Kobayashi S., Shimono S.  
48th Japan National Conference on Geotechnical Engineering, Toyama, Japan, 1 - 03 July 2013
- X. **Cyclic horizontal load tests of single pile, pile group and piled raft in model dry sand**  
ÜNSEVER Y. S. , Kawamori M., Tatsunori M., Shimono S.  
18th Southeast Asian Geotechnical Conference, Singapore, Singapore, 13 - 15 May 2013
- XI. **23 October 2011 Van-Tabanlı earthquake (Mw=7.1) geotechnical field observations**  
GÜLERCE Z., ÇETİN K. Ö. , YILMAZ M. T. , HUVAJ SARIHAN N., ÜNSEVER Y. S. , ÜNSAL ORAL S., SANDIKKAYA M. A.  
10th International Congress on Advances in Civil Engineering, Ankara, Turkey, 10 - 12 October 2012
- XII. **Geotechnical field observations from 23 October 2011 Van earthquake (Mw=7.1)**  
GÜLERCE Z., ÇETİN K. Ö. , YILMAZ M. T. , HUVAJ SARIHAN N., ÜNSEVER Y. S. , ÜNSAL ORAL S., SAĞLAM S., SANDIKKAYA M. A.

SSA 2012 Annual Meeting, San Diego/CA, United States Of America, 1 - 03 April 2012

XIII. **The deformation behavior of Muratlı asphalt faced rockfill dam**

ÜNSEVER Y. S. , Özkan M. Y. , Yıldız G. S.

ASCE Geocongress, Oakland/Kalifornya, 12 - 15 March 2012

XIV. **Dolgu barajların davranışı: Muratlı ve Borçka barajları örnek çalışma**

ÜNSEVER Y. S. , Yıldız G. S. , Özkan M. Y.

İnşaat Mühendisleri Odası 3. Geoteknik Sempozyumu, Adana, Turkey, 1 - 03 December 2009

XV. **Muratlı kaya dolgu barajı' nın deformasyon davranışı analizi**

ÜNSEVER Y. S. , Yıldız G. S. , Özkan M. Y.

İnşaat Mühendisleri Odası 2. Geoteknik Sempozyumu, Adana, Turkey, 1 - 03 November 2007

XVI. **Muratlı barajı' nın inşaat ve su tutma sırasında davranışının incelenmesi**

ÜNSEVER Y. S. , Yıldız G. S. , Özkan M. Y.

1. Ulusal Baraj Güvenliği Sempozyumu ve Sergisi, Ankara, Turkey, 10 - 11 May 2007

## Citations

Total Citations (WOS):20

h-index (WOS):2