

## Personal Information

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## Education Information

Post Graduate, Ege Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Y), Turkey 2013 - 2015

Under Graduate, Ege Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2008 - 2012

## Dissertations

Post Graduate, Çimento ile stabilize edilen kil zeminin sodyum ve magnezyum sülfatlı çözeltiler etkisinde davranışı, Ege Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Y), 2015

## Research Areas

Civil Engineering, Geotechnical, Soil Mechanics, Ground Improvement, Soil Dynamics, Engineering and Technology

## Academic Titles / Tasks

Research Assistant, Ege Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2013 - Continues

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

- **Sustainability of cement stabilised clay: sulfate resistance**  
Bozyiğit İ., Mardani Aghabaglou A., Sezer A., Altun S., İnan Sezer G.  
Proceedings Of The Institution Of Civil Engineers-Engineering Sustainability, vol.171, pp.254-274, 2018 (Journal Indexed in SCI Expanded)
- **Dynamic Behavior of a Clayey Sand Reinforced with Polypropylene Fiber**  
BOZYİĞİT İ., TANRINIAN N., Karakan E., SEZER A., ERDOĞAN D. Ş. , ALTUN S.  
ACTA PHYSICA POLONICA A, vol.132, pp.674-678, 2017 (Journal Indexed in SCI)
- **Assessment of the effect of sulfate attack on cement stabilized montmorillonite**  
Kalipcilar I., Mardani-Aghabaglou A., Sezer G. I. , ALTUN S., SEZER A.  
GEOMECHANICS AND ENGINEERING, vol.10, pp.807-826, 2016 (Journal Indexed in SCI)
- **Freeze-thaw resistance and chloride-ion penetration of cement-stabilized clay exposed to sulfate attack**  
MARDANI-AGHABAGLOU A., Kalipcilar I., Sezer G. I. , SEZER A., ALTUN S.  
APPLIED CLAY SCIENCE, vol.115, pp.179-188, 2015 (Journal Indexed in SCI)
- **Assessment of strength development and freeze-thaw performance of cement treated clays at different water contents**  
Eskişar Tefçi T., Altun S., Bozyiğit İ.  
Cold Regions Science And Technology, vol.111, pp.50-59, 2015 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- **Investigation of Natural Frequencies of Piles Partially Embedded in Elastic Soil Using Transfer Matrix Method**  
BOZYİĞİT B., BOZYİĞİT İ.

## Refereed Congress / Symposium Publications in Proceedings

- **Small and Large Strain Dependence on Cyclic Behavior of Silts and Silt Clay Mixtures**  
ALTUN S., GÖKTEPE A. B. , BOZYĞİT İ., ESKİŞAR TEFÇİ T.  
XVII ECSMGE 2019, Reykjavik, Iceland, 1 - 06 September 2019
- **Strength development of clay stabilized with silica fume and granulated glass**  
Bozyğit İ., Alan T., Sezer A.  
3rd International Conference on Civil and Environmental Engineering (ICOCEE'18), İzmir, Turkey, 24 - 27 April 2018, pp.446
- **Sulfate attack on cement stabilized clay: microstructural analyses**  
BOZYĞİT İ., MARDANI AGHABAGLOU A., İNAN SEZER G., ALTUN S., SEZER A.  
3rd International Conference on Civil and Environmental Engineering (ICOCEE'18), 24 - 27 April 2018, pp.291
- **Yüzeysel Temellerde Sismik Sıvılaşma Nedeni İle Meydana Gelen Taşıma Gücü Kayıpları ve Oturmaların Sayısal Analizi**  
ERDOĞAN D. Ş. , MAHMOUDİ M., BOZYĞİT İ., ALTUN S.  
3rd International Soil-Structure Interaction Symposium, 18 - 19 October 2017
- **Mechanical behavior of clay stabilized using granulated recycled glass, silica fume and cement**  
SEZER A., BOZYĞİT İ., ALTUN S.  
4th International Conference on Computational and Experimental Science and Engineering (ICCESEN-2017), Antalya, Turkey, 4 - 08 October 2017, pp.565
- **Freeze Thaw Effects On Consolidation Properties Of Xanthan Gum Treated Kaolin**  
BOZYĞİT İ., ÖZENÇ H., GÜNAY T., AHMEDZADE P., ALTUN S.  
3rd International Conference on Engineering and Natural Sciences, ICENS, Budapest, 2017, 3 - 07 May 2017
- **Modification Of Bitumen By Maleic Anhydride Grafted Recycled High Density Polyethylene**  
AHMEDZADE P., FAİNLEİB A., GÜNAY T., BOZYĞİT İ., ALTUN S.  
3rd International Conference on Engineering and Natural Sciences, ICENS, Budapest, 2017, 3 - 07 May 2017
- **Strength Properties of Kaolin Treated by Guar Gum**  
BOZYĞİT İ., ÖZENÇ H., GÜNAY T., AHMEDZADE P., ALTUN S.  
International Conference on Engineering Technology and Innovation, ICETI, Sarajevo, 2017, 22 - 26 March 2017
- **Dynamic triaxial tests on fiber reinforced clayey sand**  
BOZYĞİT İ., TANRINYAN N., KARAKAN E., SEZER A., ERDOĞAN D. Ş. , ALTUN S.  
3rd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2016), Antalya, Turkey, 19 - 24 October 2016
- **KSANTAN GAM KATKISI İÇEREN KAOLİN KİLİNİN DAYANIM ÖZELLİKLERİNİN İNCELENMESİ**  
BOZYĞİT İ., BUZKAN E., KIYAK İ. M. , ALTUN S.  
1. Genç Geoteknik Mühendisleri Sempozyumu, Turkey, 12 October 2016
- **Use of Cement and Granulated Glass for Stabilization of Clay**  
BOZYĞİT İ., SEZER A., ALTUN S.  
International Conference on Natural Science and Engineering (ICNASE'16), 19 - 20 March 2016
- **Use of silica fume and basalt fiber for stabilization of clay**  
Uzunoğlu S. H. , Bozyğit İ., Sezer A.  
International Conference on Natural Science and Engineering (ICNASE'16), Kilis, Turkey, 19 - 20 March 2016, pp.3435-3442
- **ARTAN TEKRARLI YÜKLER ALTINDA İNCE DANELİ ZEMİNLERDE FİBER KULLANIMININ DİNAMİK ÖZELLİKLERE ETKİSİNİN İNCELENMESİ**  
Kalıpcılar İ., Karakan E., Erdoğan D. Ş. , Sezer A., Altun S.  
3. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, İzmir, Turkey, 14 - 16 October 2015, pp.1
- **EĞİTMENSİZ SINIFLAMA ALGORİTMALARI İLE SIVILAŞMA DİRENCİNİN SINIFLANDIRILMASI**  
Sezer A., Erdoğan D. Ş. , Göktepe A. B. , Altun S., Kalıpcılar İ.  
3. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, İzmir, Turkey, 14 - 16 October 2015

- **Derin Karıştırma Yöntemin ile İyileştirilen Zeminlerin Artan Tekrarlı Yükleme Deneyleri İle Dinamik Özelliklerinin İncelenmesi**  
Kalıpcılar İ., Karakan E., Sezer A., Altun S.  
8. Ulusal Deprem Mühendisliği Konferansı, Eskişehir, Turkey, 11 - 14 May 2015, vol.1, no.1, pp.123
- **Assessment of strength development and freeze thaw behavior of cement admixed clay**  
ESKİŞAR TEFÇİ T., KALIPCILAR İ., ALTUN S.  
11th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 - 25 October 2014
- **İzmir Körfezi Tarama Malzemesinin Geoteknik Özellikleri ile Solidifikasyona Uygunluğunun İncelenmesi**  
KALIPCILAR İ., ESKİŞAR TEFÇİ T., GÖKTEPE A. B. , ALTUN S.  
Zemin Mekaniği ve Temel Mühendisliği 15. Ulusal Kongresi, Turkey, 16 - 17 October 2014
- **Geotekstil Donatılı Kil Zeminlerin Mekanik Özelliklerinin İncelenmesi**  
KALIPCILAR İ., ESKİŞAR TEFÇİ T., ALTUN S.  
Altıncı Ulusal Geosentetikler Konferansı, Turkey, 29 - 30 May 2014
- **İzmir Karşiyaka Organik Kilinin Bazı Geoteknik Özelliklerinin Çimento Stabilizasyonu İle İyileştirilmesi**  
ESKİŞAR TEFÇİ T., KALIPCILAR İ., ALTUN S.  
5. Geoteknik Sempozyumu, Turkey, 5 - 07 December 2013
- **İzmir İli Kent Merkezi İçinde Bir Dinamik Zemin Davranışının İncelenmesi**  
KALIPCILAR İ., BOZYİĞİT B., ESKİŞAR TEFÇİ T., ALTUN S.  
5. Geoteknik Sempozyumu, Turkey, 5 - 07 December 2013
- **Geotechnical Reconnaissance and Earthquake Induced Liquefaction Susceptibility of a New Settlement Area in Izmir Turkey**  
ESKİŞAR TEFÇİ T., KALIPCILAR İ., ALTUN S.  
AEG 2013 Annual Meeting, 08 September 2013 - 15 September 2014

## Supported Projects

SEZER A., ALTUN S., BOZYİĞİT İ., Project Supported by Higher Education Institutions, SODYUM SİLİKAT BAZLI YÜZEY SERTLEŞTİRİCİ VE ÇİMENTO İLE GÜÇLENDİRİLEN KUM-BENTONİT KARIŞIMLARININ DAYANIM ÖZELLİKLERİ, 2017 - 2020

## Citations

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h-index (WOS):3