

Prof. MUSTAFA LAMAN

Personal Information

Office Phone: [+90 322 338 6702](tel:+903223386702) Extension: 2719

Email: mlaman@cu.edu.tr

Web: <https://avesis.cu.edu.tr//mlaman>

Education Information

Doctorate, University of Liverpool, Faculty Of Science And Engineering, United Kingdom 1990 - 1995

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Anabilim Dalı, Turkey 1987 - 1990

Undergraduate, Cukurova University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1983 - 1987

Dissertations

Doctorate, The Moment Carrying Capacity of Short Pier Foundations in Clay, University of Liverpool, Engineering, Civil Engineering, 1995

Research Areas

Civil Engineering, Geotechnical, Foundation Engineering, Deep Excavation, Ground Improvement, Engineering and Technology

Academic Titles / Tasks

Professor, Cukurova University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2005 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Modern Approach to Estimate the Bearing Capacity of Layered Soil**
MISIR G., Laman M.
PERIODICA POLYTECHNICA-CIVIL ENGINEERING, vol.61, no.3, pp.434-446, 2017 (SCI-Expanded)
- II. **Experimental investigation of the uplift capacity of group anchor plates embedded in sand**
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GEOMECHANICS AND ENGINEERING, vol.11, pp.691-711, 2016 (SCI-Expanded)
- III. **Experimental investigation of the effects of pipe location on the bearing capacity**
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- IV. **Experimental and numerical analyses of circular footing on geogrid-reinforced granular fill underlain by soft clay**
DEMİR A., YILDIZ A., Laman M., ÖRNEK M.
ACTA GEOTECHNICA, vol.9, no.4, pp.711-723, 2014 (SCI-Expanded)
- V. **Experimental study of bearing capacity of strip footing on sand slope reinforced with tire chips**

- KESKİN M. S., Laman M.
GEOMECHANICS AND ENGINEERING, vol.6, no.3, pp.249-262, 2014 (SCI-Expanded)
- VI. **Experimental and Numerical Studies of Strip Footings on Geogrid-Reinforced Sand Slope**
Keskin M. S., Laman M.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.39, no.3, pp.1607-1619, 2014 (SCI-Expanded)
- VII. **Large scale field tests on geogrid-reinforced granular fill underlain by clay soil**
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- VIII. **Model studies of bearing capacity of strip footing on sand slope**
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KSCE JOURNAL OF CIVIL ENGINEERING, vol.17, no.4, pp.699-711, 2013 (SCI-Expanded)
- IX. **Experimental Investigation of the Behaviour of the Laterally Loaded Short Piles**
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TEKNIK DERGI, vol.24, no.1, pp.6257-6278, 2013 (SCI-Expanded)
- X. **NUMERICAL ANALYSIS OF CIRCULAR FOOTINGS ON NATURAL CLAY STABILIZED WITH A GRANULAR FILL**
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ACTA GEOTECHNICA SLOVENICA, vol.9, no.1, pp.61-75, 2012 (SCI-Expanded)
- XI. **Numerical Analysis of Circular Footings on Natural Clay Stabilized with a Granular Fill**
ÖRNEK M., DEMİR A., LAMAN M., YILDIZ A.
ACTA GEOTECHNICA SLOVENICA, vol.9, no.1, pp.61-75, 2012 (SCI-Expanded)
- XII. **Experimental and numerical studies of metallic powders subjected to cold isostatic pressing**
EKŞİ A. K., Laman M., BİRCAN D. A., Demir A.
INTERNATIONAL JOURNAL OF MATERIALS RESEARCH, vol.102, no.5, pp.572-578, 2011 (SCI-Expanded)
- XIII. **Geotechnical and geophysical studies for wind energy systems in earthquake-prone areas: Bahce (Osmaniye, Turkey) case**
Ozcep F., Guzel M., Kepekci D., Laman M., BOZDAĞ Ş., ÇETİN H., Akat A.
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- XIV. **Prediction of the moment capacity of pier foundations in clay using neural networks**
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- XV. **Experimental Determination and Numerical Analysis of Vertical Stresses Under Square Footings Resting on Sand**
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- XVI. **Prediction of lateral effective stresses in sand using artificial neural network**
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- XVII. **Experimental investigation of strip footing on reinforced sand slope**
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- XVIII. **Experimental and numerical studies of metal powders pressed by uniaxial floating die: Case copper and bronze**
Eksi A. K., Laman M., ATIŞ C. D., Yildiz A., KURT A. O.
KOVVE MATERIALY-METALLIC MATERIALS, vol.42, no.5, pp.339-352, 2004 (SCI-Expanded)
- XIX. **Model studies of ring foundations on geogrid-reinforced sand**
Laman M., Yildiz A.
GEOSYNTHETICS INTERNATIONAL, vol.10, no.5, pp.142-152, 2003 (SCI-Expanded)
- XX. **Settlement and slaking problems in the world's fourth largest rock-fill dam, the Ataturk Dam in Turkey**
Cetin H., Laman M., Ertunc A.

Articles Published in Other Journals

- I. **Investigation of the Uplift Capacity of Group Anchor Plates in Geogrid-Reinforced Sand**
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- II. **Investigation of the Uplift Capacity of Group Anchor Plates in Geogrid-Reinforced Sand**
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- IV. **Tabakalı Zeminlere Oturan Dairesel Temellerin Deney ve Analitik Yöntemlerle İrdelenmesi**
Mısır G., LAMAN M.
ÇUKUROVA ÜNİVERSİTESİ MÜHENDİSLİK MİMARLIK FAKÜLTESİ DERGİSİ, vol.30, no.1, pp.249-256, 2015 (Peer-Reviewed Journal)
- V. **Numerical Investigation of Anchor Plates in Layered Soil**
Emirler B., Bildik S., Laman M.
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- VI. **Yüzeysel temel geometrisinin zeminlerde oluşan gerilmelere etkisinin araştırılması**
BAĞRIAÇIK B., LAMAN M.
ÇUKUROVA ÜNİVERSİTESİ MÜHENDİSLİK MİMARLIK FAKÜLTESİ DERGİSİ, vol.25, pp.155-166, 2010 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Sonlu Elemanlar Metodu İle Hazır Paket Programlar (Elastisite, Akışkanlar Mekaniği ve Isı İletimi)**
KIRAL E., LAMAN M., TEMEL B.
Teknik Yayınevi, Ankara, 1990

Refereed Congress / Symposium Publications in Proceedings

- I. **geotechnical and geophysical studies for wind energy systems in earthquake-prone areas: Bahçe(Osmaniye, Turkey) case**
Ozcep F., Kepekci D., Guzel M., LAMAN M., BOZDAĞ Ş., ÇETİN H.
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- II. **earthquake hazards analysis integrated by geotechnical and geophysical studies for wind enetgy systems: Bahçe (Osmaniye, Turkey)Case**
Ozcep F., Kepekci D., Guzel M., LAMAN M., BOZDAĞ Ş.
31. european seismological commision, Greece, pp.5
- III. **Yatay Yük Etkisindeki Dikdörtgen Kazığın Sayısal Analizi**
Emirler B., Laman M.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.2309-2315

- IV. **Çekme Yüğü Etkisindeki Grup Ankraj Plakalarının Sayısal Analizi**
Emirler B., Laman M.
1st International Mediterranean Science and Engineering Congress-IMSEC 2016, Adana, Turkey, 26 - 28 October 2016, pp.1-8
- V. **Numerical Investigation of the Uplift Resistance of Plate Strip Anchors in Sand**
Tolun M., Emirler B., Laman M.
12th International Congress on Advances in Civil Engineering-ACE 2016, İstanbul, Turkey, 21 - 23 September 2016, pp.1-8
- VI. **Numerical Investigation of the Uplift Resistance of Plate Strip Anchor in Sand**
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- VII. **Numerical Investigation of the Uplift Resistance of Plate Strip Anchor in Sand**
TOLUN M., EMİRLER B., LAMAN M.
12th International Congress on Advances in Civil Engineering, 21 - 23 September 2016
- VIII. **Numerical investigation of the uplift capacity of inclined anchor plates in sand**
Emirler B., Tolun M., Laman M.
4th International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, Lefkoşa, Cyprus (Kkct), 2 - 04 June 2016
- IX. **Farklı Geometriye Sahip Plakalı Ankrajların Çekme Kuvveti Etkisinde Davranışının İncelenmesi**
Emirler B., Laman M.
6. Geoteknik Sempozyumu, Adana, Turkey, 26 - 27 November 2015, pp.1-10
- X. **Eksenel Yüğü Tekil Kazığın Farklı Yöntemlerle Sayısal Analizi**
Tolun M., Laman M.
6th Geotechnical Symposium, Adana, Turkey, 26 - 27 November 2015
- XI. **Numerical Investigation of Group Anchors**
Emirler B., Bildik S., Laman M.
IFCEE 2015, Texas, United States Of America, 17 - 21 March 2015, pp.279-288
- XII. **Numerical investigation of group Anchors**
Emirler B., Bildik S., Laman M.
International Foundations Congress and Equipment Expo 2015, IFCEE 2015, Texas, United States Of America, 17 - 21 March 2015, pp.279-288
- XIII. **Kum Zeminlere Gömülü Grup Ankrajların Çekme Davranışının İncelenmesi**
Emirler B., Laman M.
2. Türkiye Plaxis Kullanıcıları Toplantısı, İstanbul, Turkey, 20 December 2014, pp.4
- XIV. **Numerical Investigation of Anchor Plates in Layered Soil**
Emirler B., Bildik S., Laman M.
Second International Conference on Advances In Civil, Structural and Environmental Engineering-ACSEE 2014, Zürich, Switzerland, 25 - 26 October 2014, pp.358-363
- XV. **Grup Ankrajların Çekme Davranışının İncelenmesi**
Emirler B., Laman M.
Zemin Mekaniği ve Temel Mühendisliği Onbeşinci Ulusal Kongresi, Ankara, Turkey, 16 - 17 October 2014, pp.313-322
- XVI. **Mevcut Yapılarda Mini Kazık Desteği-Kozan Trafo Binası Örneği**
Arslan A., Bildik S., Emirler B., Laman M.
Zemin Mekaniği ve Temel Mühendisliği Onbeşinci Ulusal Kongresi, Ankara, Turkey, 16 - 17 October 2014, pp.585-593
- XVII. **GEOGRİDLE GÜÇLENDİRİLMİŞ ESNEK YOL KAPLAMALARIN NÜMERİK OLARAK DEĞERLENDİRİLMESİ**
ALTAY G., DEMİR A., BAĞRIAÇIK B., LAMAN M., OK B., SARICI T.
Altıncı Ulusal Geosentetikler Konferansı, İstanbul, Turkey, 29 - 30 May 2014, pp.87-97
- XVIII. **Geogridle Güçlendirilmiş Zeminlerde Gömülü Boru Davranışı**
Bildik S., Emirler B., Laman M.

Altıncı Geosentetikler Konferansı, İstanbul, Turkey, 29 - 30 May 2014, pp.61-70

- XIX. **Experimental and Numerical Studies on Behavior of Stone Columns with Geogrid Encasement**
DEMİR A., SARICI T., BAĞRIAÇIK B., LAMAN M., ALTAY G., OK B.
International Civil Engineering & Architecture Symposium for Academicians, Antalya, Turkey, 17 - 20 May 2014, pp.25-33
- XX. **Geogridle Güçlendirilmiş Kum İçerisine Gömülü Model Kazıkların Çekme Kapasitesinin Deneysel İncelenmesi**
BAĞRIAÇIK B., OK B., SARICI T., ALTAY G., DEMİR A., LAMAN M.
Zemin Mekaniği ve Temel Mühendisliği 2. Özel Konulu Sempozyumu, Antalya, Turkey, 24 - 25 April 2014, pp.145-150
- XXI. **Grup Plaka Ankrajların Çekme Davranışının İncelenmesi**
Emirler B., Laman M.
5. Geoteknik Sempozyumu, Adana, Turkey, 5 - 07 December 2013, pp.1-10
- XXII. **An investigation of uplift behavior of vertical piles embedded in reinforced sand under inclined loads**
BAĞRIAÇIK B., DEMİR A., LAMAN M., OK B., SARICI T.
2nd International Balkans Conference on Challenges of Civil Engineering, BCCCE, Tirane, Albania, 23 - 25 May 2013, pp.825-831
- XXIII. **An experimental study on behaviour of geosynthetic reinforced stone columns**
DEMİR A., SARICI T., LAMAN M., BAĞRIAÇIK B., OK B.
2nd International Balkans Conference on Challenges of Civil Engineering, BCCCE, Tirane, Albania, 23 - 25 May 2013, pp.832-841
- XXIV. **Settlement Analysis of Geogrid Reinforced Granular Fill Underlain by Clay**
ÖRNEK M., DEMİR A., LAMAN M., YILDIZ A.
10th International Congress on Advances in Civil Engineering (ACE2012), Ankara, Turkey, 17 - 19 October 2012, pp.1-8
- XXV. **GEOGRİDLE GÜÇLENDİRİLMİŞ TABAKALI ZEMİNLERİN YATAK KATSAYISI MODÜLÜNÜN ARAŞTIRILMASI**
ÖRNEK M., DEMİR A., LAMAN M., YILDIZ A., BAĞRIAÇIK B.
Beşinci Ulusal Geosentetikler Konferansı, İstanbul, Turkey, 24 - 25 May 2012, pp.95-106
- XXVI. **KARE TEMEL ALTINDAKİ ZEMİNLERDE OPTİMUM DONATI TABAKASI DERİNLİĞİNİN GERİLME YÖNÜNDEN İNCELENMESİ**
BAĞRIAÇIK B., LAMAN M., DEMİR A.
Beşinci Ulusal Geosentetikler Konferansı, İstanbul, Turkey, 24 - 25 May 2012, pp.115-125
- XXVII. **rüzgar enerji sistemleri için deprem tehlike analizi: Bahçe (Osmaniye) örneği**
Guzel M., Ozcep F., Kepekci D., LAMAN M., BOZDAĞ Ş., ÇETİN H.
18.uluslararası jeofizik kongre ve sergisi, Ankara, Turkey, 14 - 17 October 2008, pp.1-5
- XXVIII. **Atatürk Barajında Oturma, Yıpranma Ve Heyelan Problemleri**
ÇETİN H., Laman M., Ertunç A.
Türkiye 3. Ulusal Heyelan Sempozyumu (HEYELAN'99), Adana, Turkey, 13 - 15 May 1999, pp.23
- XXIX. **Zemin Mekaniği Deneylerinde Fırın Sıcaklığının Önemi**
ÇETİN H., Atış C. D., Laman M.
GAP 2. Mühendislik Kongresi, Şanlıurfa, Turkey, 15 - 17 October 1998, pp.218-224
- XXX. **Killi Zeminler İçin Belirli Bir Su Muhtevası Aralığında Hiperbolik Parametrelerin Tayini**
Laman M., ÇETİN H., Atış C. D.
GAP 2. Mühendislik Kongresi, Bildiriler Kitabı, Şanlıurfa, Turkey, 10 - 12 June 1998, pp.209-217

Supported Projects

LAMAN M., Project Supported by Higher Education Institutions, Yanal Yüklü Kazıkların Farklı Zemin ve Yükleme Koşullarında Analizi, 2011 - 2016

LAMAN M., Project Supported by Higher Education Institutions, Farklı Yükleme Koşullarındaki Kazık Gruplarının Çekme ve Basınç Kapasitelerinin Belirlenmesi, 2012 - 2015

LAMAN M., Project Supported by Higher Education Institutions, Farklı Zemin ve Yükleme Koşullarındaki Gömülü Boru Sistemlerinin Davranışının Araştırılması, 2011 - 2015

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