

Res. Asst. Barış GÜNEŞ

Personal Information

Office Phone: [+90 212 473 7070](tel:+902124737070) Extension: 17931

Email: bgunes@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/bgunes/>

Address: İstanbul Üniversitesi, Mühendislik Fakültesi, İnşaat Bölümü Avcılar İSTANBUL

Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, İnşaat Mühendisliği, Turkey 2004 - 2013

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, İnşaat Mühendisliği, Turkey 2001 - 2004

Undergraduate, Istanbul University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 1997 - 2001

Certificates, Courses and Trainings

Other, Sismik İzolasyona Giriş ve Sismik İzolasyonlu Yapı Tasarım, Deprem İzolasyon Derneği, 2016

Dissertations

Doctorate, Karbon Lifli Polimerler (CFRP) ile Güçlendirilmiş Çelik-Betonarme Kompozit Kirişlerin Yorulma Davranışı, Istanbul University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2013

Postgraduate, Yanal Burkulma Probleminin Uzak Çerçeve Sistemi Analjisi İle Çözümü, Istanbul University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2004

Research Areas

Civil Engineering, Transportation Engineering, Bridges, Structure, Structural Engineering, Steel Structures, Timber Structures, Performance of Constructed Facilities, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Istanbul University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2001 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. Alın Levhalı Moment Birleşimlerin Sonlu Elemanlar ile Analizi

Akgönen A. İ., GÜNEŞ B.

Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.17, no.2, pp.646-657, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **THE EFFECTS OF A COLUMN DAMAGE TO STRUCTURAL BEHAVIOR OF AN EXAMPLE LOW-STRENGTH CONCRETE BUILDING**
MANGIR A., ÇOŞGUN T., GÜNEŞ B.
Journal of Engineering Sciences and Design, vol.6, no.2, pp.273-281, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The evaluation of existing masonry structures in compliance with the general rules in Turkish Earthquake Code**
GÜNEŞ B., SAYIN B., ÇOŞGUN T., YILDIZLAR B., AKÇAY C.
4th International Conference on Engineering and Natural Sciences, Kiev, Ukraine, 2 - 06 May 2018, pp.1
- II. **THE EVALUATION OF EXISTING MASONRY STRUCTURES IN COMPLIANCE WITH THE GENERAL RULES IN TURKISH EARTHQUAKE CODE (KABUL EDİLDİ)**
GÜNEŞ B., SAYIN B., ÇOŞGUN T.
4th International Conference on Engineering and Natural Sciences (ICENS 2018), Kiev, Ukraine, 2 - 06 May 2018, pp.2
- III. **ASSESSMENT OF EXISTING MASONRY BUILDINGS BASED ON THE PRINCIPLE FOR DETERMINING BUILDINGS AT RISK IN TERMS OF SEISMIC LOADING (KABUL EDİLDİ)**
GÜNEŞ B., SAYIN B., ÇOŞGUN T.
4th International Conference on Engineering and Natural Sciences (ICENS), Kiev, Ukraine, 2 - 06 May 2018, pp.1
- IV. **Assessment of existing masonry buildings based on the principle for determining buildings at risk in terms of seismic loading**
GÜNEŞ B., SAYIN B., ÇOŞGUN T.
4th International Conference on Engineering and Natural Sciences, Kiev, Ukraine, 2 - 06 May 2018, pp.1
- V. **Assessment of an existing masonry structure using linear and nonlinear material models**
GÜNEŞ B., Mangır A., Okumuş V.
SMAR 2017, Fourth Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, Zürich, Switzerland, 13 - 15 September 2017, pp.290
- VI. **Causes of Damage to Space Truss Systems based on a Factory Building**
ÇOŞGUN T., GÜNEŞ B., SAYIN B.
ICOCEE – CAPPADOCIA 2017, Nevşehir, Turkey, 8 - 10 May 2017, vol.1, no.1, pp.1
- VII. **Seismic Assessment of a Masonry Building According to TSC2007: A Case Study**
SAYIN B., GÜNEŞ B., ÇOŞGUN T.
III. INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCE, Budapeşte, Hungary, 3 - 07 May 2017, vol.1, no.1, pp.1
- VIII. **Nonlinear Static Analysis of an Existing RC Building using Fiber Section Modelling**
GÜNEŞ B., SAYIN B., ÇOŞGUN T.
III. INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCE, Budapeşte, Hungary, 3 - 07 May 2017, vol.1, no.1, pp.336
- IX. **FRP Honeycomb Sandwich Panels in Steel Framed Composite Buildings under Earthquake Loading**
SAYIN B., DAMCI E., GÜNEŞ B., Saadatmanesh H.
APFIS-2013: Fourth Asia-Pacific Conference on FRP in Structures, Melbourne, Australia, 11 - 13 December 2013, pp.1-10
- X. **Dynamic Analysis of Cable-Stayed Steel Footbridge under the Pedestrian Loads and its Application**
GÜNEŞ B.
7th International Advanced Technologies Symposium (IATS'13), Turkey, 1 - 04 November 2013, pp.1-6
- XI. **Cyclic testing of a steel-core buckling restrained brace under near-fault displacement reversals**
Avcı Karataş Ç., Çetinkaya S., Demir C., GÜNEŞ B., Cömert M., Çelik O. C.
Second Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, Turkey, 1 - 04 September 2013, pp.107

- XII. **Evaluation of Vulnerable Reinforced Concrete Frames Retrofitted with Pre-Loaded Thin Panels**
Teymur P., GÜNEŞ B.
SCMT3 Third International Conference on Sustainable Construction Materials and Technologies, Japan, 1 - 04 August 2013, pp.61
- XIII. **Çelik I ve Kutu Kesitli Köprülerin Tasarımının Analitik İncelemesi**
TÖREN A., GÜNEŞ B., ÇOŞGUN T.
4. Ulusal Çelik Yapılar Sempozyumu, İstanbul, Turkey, pp.69-78
- XIV. **Yüksek Hızlı Demiryolu Köprülerinde Ray-Köprü Etkileşimi ve Uygulaması**
GÜNEŞ B.
5th International Advanced Technologies Symposium, Turkey, 1 - 04 May 2009, pp.158
- XV. **Yüksek Hızlı Demiryolu Köprülerinde Etkin Dinamik Analiz Yöntemi ve Uygulaması**
GÜNEŞ B.
5th International Advanced Technologies Symposium, Turkey, 1 - 04 May 2009, pp.157
- XVI. **İnce Cidarlı Yapı Elemanlarında Yanal Burkulma Kritik Yükü Hesabı İçin Farklı Bir Yöntem**
GÜNEŞ B., DAMCI E., ÖZTORUN N. K., ÇELİK T., BİLGİN Y.
II. Mühendislik Bilimleri Genç Araştırmacılar Kongresi, İstanbul, Turkey, pp.52
- XVII. **Yanal Burkulma Problemlerinin Uzak Çerçeve Sistemi Analizi ile Çözümü**
GÜNEŞ B., BİLGİN Y., ÇELİK T., DAMCI E., ÖZTORUN N. K.
TMMOB, İnşaat Mühendisleri Odası, Çelik Yapılar Sempozyumu, Ankara, Turkey, 21 - 22 April 2005, pp.197-207
- XVIII. **Yanal Burkulma Probleminin Uzak Çerçeve Sistemi Analizi ile Çözümü**
GÜNEŞ B., BİLGİN Y., ÇELİK T., DAMCI E., ÖZTORUN N. K.
Çelik Yapılar Sempozyumu, Ankara, Turkey, 1 - 04 April 2005

Metrics

Publication: 20

Congress and Symposium Activities

Sismik İzolasyona Giriş, Attendee, İstanbul, Turkey, 2016
3. Köprüler ve Viyadükler Sempozyumu, Attendee, Bursa, Turkey, 2015
İstanbul Bridge Conference, Attendee, İstanbul, Turkey, 2014