

## Prof. ÇETİN YILMAZ

### Personal Information

**Email:** cyilmaz@metu.edu.tr

**Web:** <https://avesis.metu.edu.tr/cyilmaz>

### Advising Theses

- YILMAZ Ç., The dynamic response of steel beam-column elements under blast loading, Postgraduate, M.ITİR(Student), 2016
- YILMAZ Ç., Assessment of stability analysis methods presented in AISC design codes for braced frames /, Postgraduate, Y.ERDİNÇ(Student), 2014
- YILMAZ Ç., Investigation on column strengths in steel unbraced frames laterally restrained by elastomeric bearings using the AISC code, Postgraduate, O.ISSA(Student), 2013
- YILMAZ Ç., Dynamic effects of moving traffic on railway bridges, Postgraduate, F.Cinek(Student), 2010
- YILMAZ Ç., Analysis of earthquake loading, wind loading and ice loading effects on guyed masts, Postgraduate, Ö.Yapar(Student), 2010
- YILMAZ Ç., Seismic roof isolation of Halkapınar Gymnasium, Postgraduate, C.Kurtuluş(Student), 2007
- YILMAZ Ç., Seismic design of cold formed teel structures in residential applications, Postgraduate, C.Uygar(Student), 2006
- YILMAZ Ç., Evaluation of seismic response modification factors for steel frames by non-linear analysis, Postgraduate, S.Bakır(Student), 2006
- YILMAZ Ç., Earthquake performance of un-stiffened thin steel plate shear walls, Postgraduate, O.Fuat(Student), 2004
- YILMAZ Ç., Investigation of abutment stiffnes under earthquake effect, Doctorate, U.Çağdaş(Student), 2003
- YILMAZ Ç., POLAT U., Analysis of earthquake induced hydrodynamic effects in cylindrical container tanks, Postgraduate, D.Utkutuğ(Student), 2001
- YILMAZ Ç., Comparison of TS 648, load and resistance factor design and EUROCODE 3: Part 1.1 for design fundamentals and structural members, Postgraduate, A.Onur(Student), 1999
- YILMAZ Ç., Nonlinear analysis of concentrically and eccentrically braced steel frames., Postgraduate, G.Sonaer(Student), 1998
- YILMAZ Ç., Evaluation of seismic response modification factors for steel structures, Postgraduate, A.Doğruer(Student), 1997
- YILMAZ Ç., A Comparative study on seismic codes., Postgraduate, S.Bahadır(Student), 1997
- YILMAZ Ç., A case study for seismic evaluation of reinforced concrete highway bridges, Postgraduate, C.Atacan(Student), 1997
- YILMAZ Ç., Computer aided drawing and cost estimation of civil engineering projects, Doctorate, Y.Özdoğan(Student), 1995
- YILMAZ Ç., A computer prgram for analysis and design of simple span prestressed girder highway bridges, Postgraduate, K.Murat(Student), 1995
- ÖZKAN M. Y., YILMAZ Ç., Earthquake behaviour and permanent displacement analysis of Sürgü Dam: a reevaluation, Postgraduate, M.Ali(Student), 1995
- YILMAZ Ç., Coupled shear walls with slitted connecting beams, Postgraduate, E.Doğan(Student), 1995
- YILMAZ Ç., Nonlinear finite element analysis of tunnels, Doctorate, M.Yıldırım(Student), 1994
- YILMAZ Ç., Analysis and design of pile caps in bridge engineering, Postgraduate, U.Çağdaş(Student), 1994
- YILMAZ Ç., Dynamic analysis of tower structures a case study: PTT Kars Television Tower., Postgraduate, M.Tuncer(Student), 1993

YILMAZ Ç., Development of a computer program for analysis and design of simple span composite box girder highway bridges, Postgraduate, S.Nezhadi(Student), 1990

YILMAZ Ç., Free vibration analysis of suspension bridges a case study : Bosphorus Bridge, Postgraduate, F.Ünal(Student), 1989

YILMAZ Ç., A study on seismic analysis of bridges-computer programs and case studies, Postgraduate, L.Ünal(Student), 1989

YILMAZ Ç., Development of a computer program for the static and dynamic analyses of asymmetric frame-shear wall structures, Postgraduate, C.Ahmet(Student), 1989

YILMAZ Ç., A study on foundations on cross-anisotropic layered system, Postgraduate, I.Ozkilic(Student), 1988

YILMAZ Ç., Elimination of non-essential degrees of freedom and extension of the computer program CAL 80, Postgraduate, T.Cakici(Student), 1988

YILMAZ Ç., Inelastic dynamic analysis of a capacitor center, Postgraduate, Y.Konkan(Student), 1987

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

- I. **How do learning orientation and strategy yield innovativeness and superior firm performance?**  
Dulger M., Alpay G., YILMAZ Ç., BODUR M.  
SOUTH AFRICAN JOURNAL OF BUSINESS MANAGEMENT, vol.45, no.2, pp.35-50, 2014 (SSCI)
- II. **Drought-induced oxidative damage and antioxidant responses in peanut (*Arachis hypogaea* L.) seedlings**  
Akçay U. C., Ercan O., Kavas M., Yildiz L., YILMAZ Ç., ÖKTEM H. A., YÜCEL M.  
PLANT GROWTH REGULATION, vol.61, no.1, pp.21-28, 2010 (SCI-Expanded)
- III. **Modeling of Asymmetric Shear Wall-Frame Building Structures**  
AKIŞ T., TOKDEMİR T., YILMAZ Ç.  
JOURNAL OF ASIAN ARCHITECTURE AND BUILDING ENGINEERING, vol.8, no.2, pp.531-538, 2009 (SCI-Expanded)
- IV. **Probabilistic assessment of earthquake insurance rates for important structures: Application to Gumusova-Gerede motorway**  
YÜCEMEN M. S., YILMAZ Ç., ERDİK M. Ö.  
STRUCTURAL SAFETY, vol.30, no.5, pp.420-435, 2008 (SCI-Expanded)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **2D-PAGE Gel-based comparison of proteomes of two pine species under environmental stress conditions**  
YILMAZ Ç., Iscan M.  
38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.513
- II. **Inhibition mechanisms of heavy metals on pinus brutia glutathione S-transferases**  
YILMAZ Ç., SAATÇI E., Iscan M.  
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.172

### **Metrics**

Publication: 6

Citation (WoS): 71

Citation (Scopus): 71

H-Index (WoS): 3

H-Index (Scopus): 2

### **Non Academic Experience**

METU

METU

METU

METU

METU

METU