

Asst. Prof. Barış Erkuş

Personal Information

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International Researcher IDs

ScopusID: 6508082597

Education Information

Doctorate, University of Southern California, School Of Engineering, Civil And Environmental Engineering / Civil Engineering, United States Of America 2001 - 2006

Postgraduate, Istanbul Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümğ, Turkey 1997 - 1999

Undergraduate, Istanbul Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1993 - 1997

Foreign Languages

Japanese, A1 Beginner

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Performance Base Plastic Design of Earthquake-Resistant Steel Structures, SEAOC, 2009

Education Management and Planning, Revit Structure Training, Arup, 2008

Education Management and Planning, Short Course on Seismic Brace Frame, AISC, 2008

Education Management and Planning, LEED Technical Review Workshop, USGBC, 2007

Education Management and Planning, Advanced School on Neural Networks, Center for Mechanical Sciences, 1998

Dissertations

Doctorate, Dissipativity and Performance Analysis of Semiactive Systems with Smart Dampers, University Of Southern California, 2006

Research Areas

Technical Sciences, Civil Engineering, Structure

Academic Titles / Tasks

Assistant Professor, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - Continues
Assistant Professor, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2012 - 2018

Academic and Administrative Experience

Courses

Theory of Structures I, Undergraduate, 2016 - 2017
Yapı Sistemlerinin Doğrusal Olmayan Analizi, Doctorate, 2016 - 2017, 2015 - 2016
Structural Engineering I, Undergraduate, 2015 - 2016, 2014 - 2015
Structural Design of Tall Buildings, Postgraduate, 2015 - 2016
Yapı Statiği II, Undergraduate, 2014 - 2015, 2013 - 2014
Introduction to Scientific and Engineering Computing, Undergraduate, 2014 - 2015
Yapı Statiği I, Undergraduate, 2013 - 2014
Linear Algebra, Undergraduate, 2012 - 2013

Jury Memberships

Post Graduate, Yüksek Lisans Tez Jürisi, İstanbul Teknik Üniversitesi, January, 2015
Post Graduate, Yüksek Lisans Jüri Üyeleri, Yıldız Teknik Üniversitesi, January, 2014

Supported Projects

Erkuş B., Project Supported by Higher Education Institutions, Kesme Bakımından Doğru Tasarlanmamış Yüksek Binaların Performansının Betonarme Perde Duvar Kesme-Moment Etkileşimi Göz Önünden Bulundurularak İncelenmesi, 2015 - 2016
Erkuş B., Project Supported by Higher Education Institutions, Doğrusal Olmayan Ticari Yapısal Analiz Programlarının Karşılaştırılması, 2015 - 2016
Erkuş B., Project Supported by Higher Education Institutions, (Proje iptal edilmiştir) Türkiye'deki Yüksek Yapılar için Tam-Ölçekli Ölçümler ile Salınım Algısının İncelenmesi, 2015 - 2016
Erkuş B., Project Supported by Higher Education Institutions, Doğrusal Olmayan Davranış Gösteren Betonarme Yüksek Binalarda Sönümleyici Tasarımı, 2014 - 2016
Erkuş B., Project Supported by Higher Education Institutions, Yüksek Binalarda, Sürtünmeye Dayalı Sönümleyicilerle Bağlı Perde Duvar Sisteminin İncelenmesi, 2014 - 2016

Metrics

Publication: 7
Citation (WoS): 123
Citation (Scopus): 159
H-Index (WoS): 4
H-Index (Scopus): 4

Non Academic Experience

Business Establishment Private, Southern California Edison

Business Organization (private), Ove Arup And Partners, Yapı Mühendisliği

Business Organization (private), Arup North America Ltd., Los Angeles, Yapı Mühendisliği