

## Prof. Dr. AYŞEGÜL ASKAN GÜNDOĞAN

### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, Carnegie Mellon University, İnşaat Mühendisliği, Amerika Birleşik Devletleri 2002 - 2006

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mekaniği Anabilim Dalı, Türkiye 2000 - 2002

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 1996 - 2000

### Yabancı Diller

İngilizce, C1 İleri

### Araştırma Alanları

İnşaat Mühendisliği, Yapı, Deprem Mühendisliği, Mühendislik ve Teknoloji

### Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2017 - Devam Ediyor

Doç. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2011 - Devam Ediyor

Yrd. Doç. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2009 - 2011

Öğretim Görevlisi, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2007 - 2009

### Akademik İdari Deneyim

Rektörlüğe Bağlı Komisyon Üyesi, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - Devam Ediyor

Enstitü Müdür Yardımcısı, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - Devam Ediyor

Bölüm Başkanı, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Deprem Çalışmaları Anabilim Dalı, 2015 - Devam Ediyor

## Verdiği Dersler

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## Yönetilen Tezler

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## Jüri Üyelikleri

Doçentlik Sınavı, Doçentlik Sınavı, Orta Doğu Teknik Üniversitesi, Mayıs, 2020

Doktora Tez İzleme Komitesi (TİK) Üyeliđi, Doktora Tez İzleme Komitesi (TİK) Üyeliđi, Orta Doğu Teknik Üniversitesi, Haziran, 2019

Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama, Gebze Teknik Üniversitesi, Kasım, 2018

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Traditional seismic hazard analyses underestimate hazard levels when compared to observations from the 2023 Kahramanmaraş earthquakes**  
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- V. **Preface for the Focus Section on the 6 February 2023, Kahramanmaraş, Türkiye, Earthquakes**  
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- XVII. **Predictive kappa ( $\kappa$ ) models for Turkey: Regional effects and uncertainty analysis**  
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- XXI. **An evaluation of seismic hazard and potential damage in Gaziantep, Turkey using site specific models for sources, velocity structure and building stock**  
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- XLII. **Assessment of alternative simulation techniques in nonlinear time history analyses of multi-story frame buildings: A case study**  
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- XLVII. **Development of integrated earthquake simulation system for Istanbul**  
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- XLVIII. **A Hybrid Computational Method Based on Convex Optimization for Outlier Problems: Application to Earthquake Ground Motion Prediction**  
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- LII. **A regional near-surface high frequency spectral attenuation ( $\kappa$ ) model for northwestern Turkey**  
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JOURNAL OF EARTHQUAKE ENGINEERING, SCI Kapsamındaki Dergi, Kasım 2018  
TÜBİTAK Projesi, 1001 - Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı, Orta Doğu Teknik Üniversitesi, Türkiye, Kasım 2018  
TÜBİTAK Projesi, 1001 - Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı, Orta Doğu Teknik Üniversitesi, Türkiye, Kasım 2018

TÜBİTAK Projesi, 1001 - Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı, Orta Doğu Teknik Üniversitesi, Türkiye, Kasım 2018

TÜBİTAK Projesi, 1001 - Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı, Orta Doğu Teknik Üniversitesi, Türkiye, Kasım 2018

BULLETIN OF EARTHQUAKE ENGINEERING, SCI Kapsamındaki Dergi, Ekim 2018

PURE AND APPLIED GEOPHYSICS, SCI Kapsamındaki Dergi, Eylül 2018

Soil Dynamics And Earthquake Engineering, SCI Kapsamındaki Dergi, Eylül 2018

SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, SCI Kapsamındaki Dergi, Ağustos 2018

JOURNAL OF EARTHQUAKE ENGINEERING, SCI Kapsamındaki Dergi, Ağustos 2018

BULLETIN OF EARTHQUAKE ENGINEERING, SCI Kapsamındaki Dergi, Ağustos 2018

Seismological Research Letters, SCI Kapsamındaki Dergi, Ağustos 2018

PURE AND APPLIED GEOPHYSICS, SCI Kapsamındaki Dergi, Temmuz 2018

Seismological Research Letters, SCI Kapsamındaki Dergi, Temmuz 2018

EARTHQUAKE ENGINEERING AND ENGINEERING VIBRATION, SCI Kapsamındaki Dergi, Haziran 2018

JOURNAL OF EARTHQUAKE ENGINEERING, SCI Kapsamındaki Dergi, Haziran 2018

JOURNAL OF EARTHQUAKE ENGINEERING, SCI Kapsamındaki Dergi, Mayıs 2018

Bulletin Of Earthquake Engineering, SCI Kapsamındaki Dergi, Mayıs 2018

SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, SCI Kapsamındaki Dergi, Mayıs 2018

SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, SCI Kapsamındaki Dergi, Mayıs 2018

EARTH PLANETS AND SPACE, SCI Kapsamındaki Dergi, Mayıs 2018

TÜBİTAK Projesi, 1001 - Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı, Orta Doğu Teknik Üniversitesi, Türkiye, Mayıs 2018

Engineering Structures, SCI Kapsamındaki Dergi, Nisan 2018

Soil Dynamics And Earthquake Engineering, SCI Kapsamındaki Dergi, Mart 2018

EARTH PLANETS AND SPACE, SCI Kapsamındaki Dergi, Şubat 2018

## **Bilimsel Danışmanlıklar**

COSMOS, Kurum veya Organizasyonlar İçin Yapılan Danışmanlık, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye, 2016 - Devam Ediyor

## **Etkinlik Organizasyonlarındaki Görevler**

Askan Gündoğan A., International Conference on Disaster Resilience (IDRC 2022), Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Ekim 2022

Askan Gündoğan A., Aagaard B., COSMOS Ground-Motion Simulation Working Group Workshop #2 , Çalıştay Organizasyonu, Türkiye, Ekim 2022

Askan Gündoğan A., Aagaard B., COSMOS Ground-Motion Simulation Working Group Workshop #1, Çalıştay Organizasyonu, Amerika Birleşik Devletleri, Haziran 2022

Askan Gündoğan A., Pilz M., D'amico S., American Geophysical Union 2021 Fall Meeting (NS45A - Integrated Geophysical Investigations for Seismic Site Characterization), Bilimsel Kongre / Sempozyum Organizasyonu, Amerika Birleşik Devletleri, Aralık 2021

Askan Gündoğan A., Akgün H., Türer A., Sucuoğlu H., 6th International Conference on Earthquake Engineering and Seismology (6ICEES) , Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Ekim 2021

Erberik M. A., Askan Gündoğan A., Koçkar M. K., Beşinci Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, Bilimsel Kongre / Sempozyum Organizasyonu, Ankara, Türkiye, Ekim 2019

Askan Gündoğan A., 3rd Workshop of Japanese-Turkish Resilience Engineering Program (JTRE) , Çalıştay Organizasyonu, Ankara, Türkiye, Ocak 2018

## Metrikler

Yayın: 173

Atf (WoS): 626

Atf (Scopus): 604

H-İndeks (WoS): 15

H-İndeks (Scopus): 16

## Kongre ve Sempozyum Katılımı Faaliyetleri

Erzincan Kent Konseyi: Depremle Yaşamak Sempozyumu, Davetli Konuşmacı, Erzincan, Türkiye, 2022

Consortium of Organizations for Strong Motion Observation Systems (COSMOS) Technical Session 2022, Davetli Konuşmacı, California, Amerika Birleşik Devletleri, 2022

Consortium of Organizations for Strong Motion Observation Systems (COSMOS) Technical Session, Davetli Konuşmacı, California, Amerika Birleşik Devletleri, 2021

Consortium of Organizations for Strong Motion Observation Systems (COSMOS) Technical Session, Davetli Konuşmacı, California, Amerika Birleşik Devletleri, 2021

37th Annual Meeting of the European Seismological Commission (ESC), Davetli Konuşmacı, Athens, Yunanistan, 2021

5th International Conference on Earthquake Engineering and Seismology, Davetli Konuşmacı, Ankara, Türkiye, 2019

Joint symposium for the Japan and Turkey inter-university exchange project, Davetli Konuşmacı, Tokyo, Japonya, 2019

36th General Assembly of the European Seismological Commission (ESC 2018) , Davetli Konuşmacı, Valletta, Malta, 2018

## Davetli Konuşmalar

Simulation of large earthquakes and its implications on earthquake insurance rates: a case study in Bursa region, Çalıştay, JSPS Project WS on earthquake ground motion estimation in historical city, Bursa, Japonya, Temmuz 2022

The report on the 2020 Elazığ & İzmir earthquakes: seismological aspects, damage investigation and social issues, Konferans, Japan Association of Earthquake Engineering (JAEE), Japonya, Aralık 2020

## Ödüller

Günbaş E. G., ASKAN GÜNDOĞAN A., Mustafa Parlar Vakfı Araştırma Teşvik Ödülü, Parlar Vakfı, Aralık 2018

## Tanıtım ve Temsil Faaliyetleri

Kurumsal Tanıtım, ORTA DOĞU TEKNİK ÜNİVERSİTESİ, Türkiye, Ankara, 2020 - 2020

## Akademi Dışı Deneyim

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