

Res. Asst. Birkan DAĞ

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey 2022 - Continues

Postgraduate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Civil Engineering, Turkey 2019 - 2022

Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey 2014 - 2019

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, AYARLI SIVI SÖNÜMLEYİCİLERİN BETONARME BİNALARIN DEPREM PERFORMANSINA ETKİSİNİN İNCELENMESİ, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, 2022

Research Areas

Structural Engineering, Performance of Constructed Facilities, Concrete Structures, Repair and Strengthening in Buildings

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, 2021 - Continues

Research Assistant, Istanbul Aydın University, Faculty Of Engineering, Department Of Civil Engineering, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Seismic behaviour of reinforced concrete buildings: Impact of inter-story pounding with adjacent structures on one and both sides**
Börekçi M., Dağ B., Eroglu A.
Structures, vol.70, 2024 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

- I. **ANALYTICAL SIMULATION OF TLD AND ASSESSING THE EFFECTS OF TLD ON THE RESIDUAL DISPLACEMENT**
Dağ B., Börekçi M.
18th World Conference on Earthquake Engineering (WCEE2024), Milan, Italy, 30 June - 05 July 2024, pp.1-10
- II. **EVALUATION OF THE POUNDING ON THE COLUMNS OF A MID-RISE BUILDING IN TERMS OF SHEAR FORCE DEMANDS**
Dağ B., Börekçi M., Eroğlu A.
18th World Conference on Earthquake Engineering (WCEE2024), Milan, Italy, 30 June - 05 July 2024, pp.1
- III. **Şubat 2023 Depremlerinin Bölgede Oluşturduğu Etkiler ve Yapay Zeka ile Afet Yönetim Planlaması**
Doğan U., Yüzer N., Acar U., Akbaba M. F., Akbulut M. T., Akgün C., Akın O., Akkaya H. C., Akpınar B., Aktaş Z., et al.
Türkiye Ulusal Jeodezi Komisyonu (TUJK) XXII. Sempozyumu 2023, Trabzon, Turkey, 29 November - 01 December 2023, pp.5-6
- IV. **THE EFFECT OF THE INCLUSION OF BASEMENT FLOORS IN THE ANALYTICAL MODEL ON THE SEISMIC PERFORMANCE ESTIMATION OF LOW-RISE REINFORCED CONCRETE BUILDINGS**
DAĞ B., BÖREKÇİ M.
4 th International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 November 2022, pp.29

Supported Projects

Yüzer N., Yardım M. S., Turgut S., Yılmaz Genç S., Dikçınar Sel B., Erdem Okumuş D., Kılıç B., Özarpacı S., Bayrak O. C., Sakarya A., et al, Project Supported by Higher Education Institutions, Şubat 2023 Depremlerinin Bölgede Oluşturduğu Etkiler ve Yapay Zeka ile Afet Yönetim Planlaması, 2023 - 2024

BÖREKÇİ M., DAĞ B., EROĞLU A., ALTEKİN M., ŞİŞMAN R., Project Supported by Higher Education Institutions, Bitişik Nizam Betonarme Çerçevesi Binaların Deprem Durumundaki Çarpışmalarının Performansa Etkisinin Elde Edilmesi, 2021 - 2022

Metrics

Publication: 5