

Asst. Prof. MEHMET ADA

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Yildiz Technical University, Fen Bilimleri Enstitüsü, Yapı (Dr), Turkey 2013 - 2020

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Zemin Mekaniği Ve Geoteknik Mühendisliği (YI) (Tezli), Turkey 2011 - 2013

Undergraduate, Yildiz Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2007 - 2011

Dissertations

Doctorate, Bina Grupları Üzerindeki Yapı-Zemin-Yapı Etkileşiminin İncelenmesi, Yildiz Technical University, Fen Bilimleri Enstitüsü, Yapı (Dr), 2020

Postgraduate, Estimation of dynamic soil properties using system identification techniques, Istanbul Technical University, Fen Bilimleri Enstitüsü, Zemin Mekaniği Ve Geoteknik Mühendisliği (YI) (Tezli), 1950

Academic Titles / Tasks

Usak University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2020 - Continues

Research Assistant, Yildiz Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2013 - 2020

Academic and Administrative Experience

Usak University, 2021 - Continues

Courses

İNŞAAT MÜHENDİSLİĞİ TASARIMI II, Undergraduate, 2021 - 2022, 2020 - 2021

İNŞAAT MÜHENDİSLİĞİ TASARIMI I, Undergraduate, 2021 - 2022, 2020 - 2021

MEVCUT YAPILARIN DEPREM BAKIMINDAN DEĞERLENDİRİLMESİ, Postgraduate, 2021 - 2022

DOĞAL AFETLER, Undergraduate, 2021 - 2022

TEMEL MÜHENDİSLİĞİ, Undergraduate, 2021 - 2022, 2020 - 2021

YAPI STATİĞİ I, Undergraduate, 2021 - 2022

GEOTEKNİK DEPREM MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2021 - 2022, 2020 - 2021

İŞLETMELERDE MESLEKİ EĞİTİM, Undergraduate, 2021 - 2022, 2020 - 2021
YAPI STATİĞİ II, Undergraduate, 2021 - 2022
ŞANTİYE YÖNETİMİ, Undergraduate, 2020 - 2021
PREFABRİKE YAPILAR, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A computationally efficient method for optimum tuning of single-sided pounding tuned mass dampers for structural vibration control**
ERDOĞAN Y. S., ADA M.
International Journal of Structural Stability and Dynamics, vol.21, no.5, 2021 (SCI-Expanded)
- II. **A methodology for estimation of site-specific nonlinear dynamic soil behaviour using vertical downhole arrays**
Bayat E. E., ADA M.
European Journal of Environmental and Civil Engineering, vol.25, no.10, pp.1810-1832, 2021 (SCI-Expanded)
- III. **A computer-vision based vibration transducer scheme for structural health monitoring applications**
ERDOĞAN Y. S., ADA M.
Smart Materials and Structures, vol.29, no.8, 2020 (SCI-Expanded)
- IV. **Postfire Damage Assessment of a RC Factory Building**
ADA M., YÜZER N., AYVAZ Y.
Journal of Performance of Constructed Facilities, vol.33, no.5, 2019 (SCI-Expanded)
- V. **The structure-soil-structure interaction effects on the response of the neighbouring frame structures**
ADA M., AYVAZ Y.
Latin American Journal of Solids and Structures, vol.16, no.8, 2019 (SCI-Expanded)
- VI. **Assessment of Damages on a RC Building after a Big Fire**
ADA M., SEVİM B., YÜZER N., AYVAZ Y.
Advances in Concrete Construction, vol.6, no.2, pp.177-197, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Uşak İlının Afet Farkındalığı ve Afete Karşı Hazırlık Durum Araştırması**
Ünal S., Ada M., Gönen T.
Uşak Üniversitesi Fen ve Doğa Bilimleri Dergisi, vol.6, no.2, pp.113-125, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Earthquake Response of A Highway Bridge In Case Of Vehicle-Bridge Interaction**
ADA M., ERDOĞAN Y. S.
4th Eurasian Conference on Civil and Environmental Engineering, 17 - 19 June 2019
- II. **Structure-soil-structure interaction effects between two frame structures**
ADA M., AYVAZ Y.
International Civil Engineering and Architecture Conference-2019, 17 - 20 April 2019, pp.1547-1558
- III. **Investigation of the Cross Interaction between Closely Spaced Structures**
ADA M., AYVAZ Y.
13th International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018
- IV. **Effect of Soil Structure Interactions on the Seismic Behaviour of a Contemporary Monumental Masonary Structure**

ERDOĞAN Y. S., ADA M.

16th European Earthquake Engineering, Selanik, Greece, 18 - 21 June 2018, pp.1-11

V. **Estimation of Dynamic Soil Properties using Downhole Acceleration Records**

ADA M., BAYAT E. E., BULUT Y.

International Conference on Earthquake Geotechnical Engineering: From Case History to Practice, 17 June 2013 - 19 June 2014

Metrics

Publication: 12

Citation (Scopus): 49

H-Index (Scopus): 4