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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 2014 - Continues

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 2012 - 2014

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 2007 - 2012

Dissertations

Postgraduate, Numerical modeling of the 3 February 2002 Çay earthquake: Ground motion simulation and intensity distribution, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2014

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2014 - 2021

Lecturer, California Polytechnic State University, San Luis Obispo, 2018 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Geotechnical reconnaissance findings of the October 30 2020, Mw7.0 Samos Island (Aegean Sea) earthquake**

Ziotopoulou K., ÇETİN K. Ö., Pelekis P., Altun S., Klimis N., SEZER A., Rovithis E., YILMAZ M. T., Papadimitriou A. G., GÜLERCE Z., et al.

Bulletin of Earthquake Engineering, vol.20, no.14, pp.7819-7852, 2022 (SCI-Expanded)

- II. **The role of site effects on elevated seismic demands and corollary structural damage during the October 30, 2020, M7.0 Samos Island (Aegean Sea) Earthquake**

Çetin K. Ö., Papadimitriou A. G., Altun S., Pelekis P., Unutmaz B., Rovithis E., Akgün M., Klimis N., Askan Gündoğan A., Ziotopoulou K., et al.

BULLETIN OF EARTHQUAKE ENGINEERING, vol.20, no.14, pp.7763-7792, 2022 (SCI-Expanded)

- III. **Predictive performance of current ground motion models for recorded strong motions in 2020 Samos Earthquake**
GÜLERCE Z., Akbaş B., ÖZACAR A. A., Sopacı E., Önder F. M., UZEL B., CAN G., ÇAKIR E., ILGAÇ M., SÖYLEMEZ B., et al.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.152, 2022 (SCI-Expanded)
- IV. **An assessment of the 3 February 2002 Cay (Turkey) earthquake (Mw=6.6): Modeling of ground motions and felt intensity distribution**
CAN G., ASKAN GÜNDOĞAN A., Karimzadeh S.
Soil Dynamics and Earthquake Engineering, vol.150, 2021 (SCI-Expanded)
- V. **Geotechnical aspects of reconnaissance findings after 2020 January 24th, M6.8 Sivrice–Elazığ–Turkey earthquake**
ÇETİN K. Ö., ÇAKIR E., ILGAÇ M., CAN G., SÖYLEMEZ B., Elsaid A., Cuceoglu F., GÜLERCE Z., ASKAN GÜNDOĞAN A., Aydın S., et al.
Bulletin of Earthquake Engineering, vol.19, no.9, pp.3415-3459, 2021 (SCI-Expanded)
- VI. **Next-generation liquefaction database**
Brandenberg S. J., Zimmaro P., Stewart J. P., Kwak D. Y., Franke K. W., Moss R. E. S., ÇETİN K. Ö., CAN G., ILGAÇ M., Stamatakis J., et al.
EARTHQUAKE SPECTRA, vol.36, no.2, pp.939-959, 2020 (SCI-Expanded)
- VII. **Vehicle effects on seismic response of a simple-span bridge during shake tests**
Shaban N. S., Caner A., Yakut A., Askan A., Naghshineh A. K., Domanic A., Can G.
Earthquake Engineering and Structural Dynamics, vol.44, no.6, pp.889-905, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **A dataset on void ratio limits and their range for cohesionless soils**
ILGAÇ M., CAN G., ÇETİN K. Ö.
DATA IN BRIEF, vol.27, 2019 (ESCI)

Books & Book Chapters

- I. **Preliminary Report on Engineering and Geological Effects of the January 24, 2020 Magnitude 6.7 Earthquake in Elazığ, Turkey**
ÇETİN K. Ö., ILGAÇ M., CAN G., ÇAKIR E., SÖYLEMEZ B.
GEER, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Quality control for next-generation liquefaction case histories**
Zimmaro P., Brandenberg S., Bozorgnia Y., Stewart J., Kwak D., Çetin K. Ö., Can G., İlgaç M., Franke K., Moss R., et al.
7th International Conference on Earthquake Geotechnical Engineering, ICEGE 2019, Rome, Italy, 17 - 20 January 2019, pp.5905-5912
- II. **Vaka Analizi: Bir Hafif Raylı Sistemi İlave Araçlara Ait Depolama Tesisinin Geoteknik Değerlendirmesi**
ÇETİN K. Ö., CAN G., ILGAÇ M.
3. Uluslararası Zemin-Yapı Etkileşimi Sempozyumu, 18 - 20 October 2017
- III. **Vaka Analizi: Bir Metro İstasyonu Viyadük Geçiş Projesinin Sismik Zemin - Kazıklı Radye Temel Etkileşimi Değerlendirmesi**
ÇETİN K. Ö., ILGAÇ M., CAN G.
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017

IV. Permanent and temporary excavation support systems for derivation tunnels.

Can G., Şakar B., Çakır A. D., Çetin K. Ö.

1st National Congress on Tunneling and Underground Space, Ankara, Turkey, 26 - 28 May 2016, pp.1-10

Metrics

Publication: 14

Citation (WoS): 57

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