

# Prof. KEMAL ÖNDER ÇETİN

## Personal Information

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## International Researcher IDs

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ScopusID: 55667290100

Yoksis Researcher ID: 8304

## Education Information

Doctorate, University of California, Berkeley, İnşaat-Geoteknik-Deprem Müh., United States Of America 1997 - 2000

Postgraduate, Middle East Technical University, Graduate School of Social Sciences, İşletme (YI) (Tezli), Turkey 1994 - 2000

Postgraduate, University of California, Berkeley, College of Engineering, Civil and Environmental Engineering, United States Of America 1996 - 1997

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1990 - 1994

## Foreign Languages

English, C1 Advanced

## Research Areas

Engineering and Technology

## Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2009 - Continues  
Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2004 - 2009

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2000 - 2004

Research Assistant, University of California, Berkeley, Mühendislik Fakültesi, İnşaat Mühendisliği, 1997 - 2000

## Academic and Administrative Experience

Middle East Technical University, Presidency Office, 2012 - 2013

Middle East Technical University, Faculty of Engineering, 2006 - 2009

## Courses

GROUND IMPROVEMENT, Undergraduate, 2023 - 2024, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2011 - 2012  
FOUNDATION ENGINEERING I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002  
Foundation Engineering 2, Undergraduate, 2022 - 2023, 2013 - 2014, 2010 - 2011  
SOIL MECHANICS, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2008 - 2009, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001  
Geotechnical Earthquake Engineering, Postgraduate, 2023 - 2024, 2019 - 2020, 2017 - 2018, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2009 - 2010  
Numerical Modeling in Geomechanics, Doctorate, 2022 - 2023, 2020 - 2021, 2018 - 2019, 2014 - 2015, 2010 - 2011  
Deep excavations and Retaining Structures, Postgraduate, 2019 - 2020, 2016 - 2017  
GEOTECHNICAL DESIGN, Undergraduate, 2017 - 2018, 2016 - 2017  
Seismic Hazard Assessment, Doctorate, 2014 - 2015, 2012 - 2013, 2009 - 2010

## Advising Theses

ÇETİN K. Ö., The assessment of deep excavation performance of a high rise residential complex, in Bayraklı, İzmir, Postgraduate, A.MERT(Student), 2022  
ÇETİN K. Ö., CPT-BASED PROBABILISTIC ASSESSMENT OF SEISMIC SOIL LIQUEFACTION TRIGGERING RELATIONSHIPS, Doctorate, G.CAN(Student), 2022  
ÇETİN K. Ö., The assessment of seismic site effects during the 24 January 2020 Elazığ-Sivrice Mw: 6.8 earthquake, Postgraduate, A.MOHAMED(Student), 2022  
ÇETİN K. Ö., Probability-based assessment of post-liquefaction shear strength: An effective stress approach, Postgraduate, S.BUĞRAHAN(Student), 2022  
ÇETİN K. Ö., SPT-based probabilistic assessment of seismic soil liquefaction triggering, Doctorate, M.ILGAÇ(Student), 2022  
ÇETİN K. Ö., Shear and volumetric straining response of Çine sand, Postgraduate, A.CAN(Student), 2021  
ÇETİN K. Ö., Numerical assessment of tunnel advancement in problematic soil conditions: A case study, Postgraduate, A.GÜNEŞ(Student), 2021  
ÇETİN K. Ö., The effects of hammer-rod alignment and rod length on SPT hammer efficiency, Postgraduate, M.EFEKAN(Student), 2021  
ÇETİN K. Ö., Shearing and volumetric straining response of Kızılrnak sand, Postgraduate, E.Çakır(Student), 2020  
ÇETİN K. Ö., Performance based assessment of number of equivalent uniform cyclic stress scheme, Postgraduate, E.Altıncı(Student), 2019  
ÇETİN K. Ö., Consolidated undrained shearing response of hydrophobic sands, Postgraduate, H.MELİH(Student), 2018  
ÇETİN K. Ö., A comparative assessment of seismic soil liquefaction triggering relationships, Postgraduate, M.ILGAÇ(Student), 2015  
ÇETİN K. Ö., Assessing the effects of confining stress state on the mobilization of axial compressive resistance for a single aggregate pier/, Postgraduate, A.DOĞAN(Student), 2014  
ÇETİN K. Ö., Effective stress based constitutive modelling and assessment of seismic pile-soil interaction in liquefiable soils, Doctorate, S.ÜNSAL(Student), 2014  
ÇETİN K. Ö., Numerical assessment of negative skin friction effects on diaphragm walls, Postgraduate, C.GENÇOĞLU(Student), 2013  
ÇETİN K. Ö., KURÇ Ö., Parallel solution of soil-structure interaction problems on PC clusters, Postgraduate, T.BAHÇECİOĞLU(Student), 2011  
ÇETİN K. Ö., Sıvılaşmayla ilişkili yanal yayılma yer değiştirmesinin kestirimi, Doctorate, N.HASANÇEBİ(Student), 2011  
ÖZKAN M. Y., ÇETİN K. Ö., An experimental study on the behavior of box-shaped culverts buried in sand under dynamic

excitations, Doctorate, D.Ülgen(Student), 2011

ÇETİN K. Ö., Cyclic volumetric and shear strain responses of fine-grained soils, Doctorate, H.TOLGA(Student), 2010

ÇETİN K. Ö., GIS based seismic hazard mapping of Turkey, Doctorate, A.ANIL(Student), 2010

ÇETİN K. Ö., Assessment of the ground subsidence and lining forces due to tunnel advancement, Postgraduate, Ö.KARAMANLI(Student), 2009

ÇETİN K. Ö., A comparative assessment of available methods for seismic performance evaluation of buried structures, Postgraduate, A.GÜNEY(Student), 2009

ÇETİN K. Ö., A comparative assessment of available methods for seismic performance evaluation of buried structures, Postgraduate, A.Güney(Student), 2009

ÇETİN K. Ö., Assessment of liquefaction susceptibility of fine grained soils, Postgraduate, M.PEHLİVAN(Student), 2009

ÇETİN K. Ö., An integrated seismic hazard framework for liquefaction triggering assessment of earthfill dams' foundation soils, Postgraduate, S.ÜNSAL(Student), 2009

ÇETİN K. Ö., Assessment of soil structure earthquake interaction induced soil liquefaction triggering, Doctorate, B.UNUTMAZ(Student), 2008

ÇETİN K. Ö., Probabilistic assessment of liquefaction-induced lateral ground deformations, Doctorate, W.Mohammad(Student), 2005

ÇETİN K. Ö., Gis-based structural performance assessment of Sakarya city after 1999 Kocaeli-Turkey earthquake from geotechnical and earthquake engineering point of view, Postgraduate, Z.YILMAZ(Student), 2004

ÇETİN K. Ö., Cpt based compressibility assessment of soils, Postgraduate, F.Özkahriman(Student), 2004

ÇETİN K. Ö., Effects of soil structure interaction and base isolated systems on seismic performance of foundation soils, Postgraduate, S.Soyöz(Student), 2004

ÇETİN K. Ö., SUCUOĞLU H., Effects of soil structure interaction and base isolated systems on seismic performance of foundation soils, Postgraduate, S.SOYÖZ(Student), 2004

ÇETİN K. Ö., Seismic behavior of embankment dams, Postgraduate, F.MEHMET(Student), 2003

ÇETİN K. Ö., Estimation of grain characteristics of soils by using cone penetration test (CPT) data, Postgraduate, C.OZAN(Student), 2003

ÇETİN K. Ö., Çetin K., Assessment of buried pipeline performance during the 1999 Duzce Earthquake, Postgraduate, V.Yargıcı(Student), 2003

ÇETİN K. Ö., 3-D soil structure interaction analyses of three identical buildings in Sakarya city after 17 August 1999 Kocaeli earthquake, Postgraduate, O.ÜNAL(Student), 2003

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The performance of Karasu Bridge following the February 6, 2023 Kahramanmaras-Turkiye earthquake sequence**  
Ozkaynak M. I., ÇETİN K. Ö.  
Engineering Geology, vol.335, 2024 (SCI-Expanded)
- II. **Liquefaction at two petrochemical facilities during the February 6, 2023, Kahramanmaras-Turkiye earthquake sequence**  
Sahin A., ÇETİN K. Ö.  
Engineering Geology, vol.335, 2024 (SCI-Expanded)
- III. **Liquefaction-induced ground and building interactions in İskenderun from the 2023 Kahramanmaraş earthquake sequence**  
Moug D. M., Bray J. D., Bassal P., Macedo J., Ulmer K., ÇETİN K. Ö., Kendir S. B., Şahin A., Arnold C., Bikçe M.  
Earthquake Spectra, vol.40, no.2, pp.913-938, 2024 (SCI-Expanded)
- IV. **Liquefaction triggering and induced ground deformations at a metallurgical facility in Doçak Hatay after the February 6 Kahramanmaras, earthquake sequence**  
Çakir E., Cetin K. Ö.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.178, 2024 (SCI-Expanded)
- V. **Geospatial Liquefaction Modeling of the 2023 Türkiye Earthquake Sequence by an Ensemble of**

### **Global, Continental, Regional, and Event-Specific Models**

Asadi A., Sanon C., ÇAKIR E., Zhan W., Shirzadi H., Baise L. G., ÇETİN K. Ö., Moaveni B.  
Seismological Research Letters, vol.95, no.2 A, pp.697-719, 2024 (SCI-Expanded)

- VI. **Duration Characteristics of Strong Ground Motions Recorded during the 6 February 2023 M 7.8 Pazarcık, Kahramanmaraş, Türkiye, Earthquake**  
Elsaid A., ÇETİN K. Ö.  
Seismological Research Letters, vol.95, no.2 A, pp.720-729, 2024 (SCI-Expanded)
- VII. **Liquefaction and performance of foundation systems in Iskenderun during 2023 Kahramanmaraş-Türkiye earthquake sequence**  
ÖZENER P., Monkul M. M., Bayat E. E., ARI A., ÇETİN K. Ö.  
Soil Dynamics and Earthquake Engineering, vol.178, 2024 (SCI-Expanded)
- VIII. **Preface for the Focus Section on the 6 February 2023, Kahramanmaraş, Türkiye, Earthquakes**  
ÇETİN K. Ö., Kalkan E., ASKAN GÜNDOĞAN A., Bohnhoff M., Ergintav S., Konca Ö. A. Ö., Taymaz T., Sabuncu Ç. Ç., GÜLERCE Z.  
Seismological Research Letters, vol.95, no.2 A, pp.560-561, 2024 (SCI-Expanded)
- IX. **Soil liquefaction sites following the February 6, 2023, Kahramanmaraş-Türkiye earthquake sequence**  
ÇETİN K. Ö., SÖYLEMEZ B., Guzel H., ÇAKIR E.  
Bulletin of Earthquake Engineering, 2024 (SCI-Expanded)
- X. **Seismic site effect models for the Türkiye-Izmir-Bayrakli Basin**  
ÇETİN K. Ö., ÇAKIR E., Zarzour M.  
Bulletin of Earthquake Engineering, vol.22, no.2, pp.303-328, 2024 (SCI-Expanded)
- XI. **Seismic site effect models for the Türkiye-Izmir-Bayrakli Basin**  
ÇETİN K. Ö., ÇAKIR E., Zarzour M.  
BULLETIN OF EARTHQUAKE ENGINEERING, no.2, pp.303-328, 2024 (SCI-Expanded)
- XII. **Liquefaction ground deformations and cascading coastal flood hazard in the 2023 Kahramanmaraş earthquake sequence**  
Bassal P., Papageorgiou E., Moug D. M., Bray J. D., ÇETİN K. Ö., Şahin A., Kubatko E. J., Nepal S., Toth C., Kendir S. B., et al.  
Earthquake Spectra, 2024 (SCI-Expanded)
- XIII. **2-D and 3-D basin site effects in Izmir-Bayrakli during the October 30, 2020 M<sub>w</sub>>7.0 Samos earthquake**  
ÇETİN K. Ö., Zarzour M., ÇAKIR E., Tuna S. C., Altun S.  
BULLETIN OF EARTHQUAKE ENGINEERING, vol.21, no.12, pp.5419-5442, 2023 (SCI-Expanded)
- XIV. **Probabilistic Assessment of Standard Penetration Test Hammer Energy Efficiency and Rod Length Corrections**  
ÇETİN K. Ö., Cevik M. E., Al-Suhaily A., Yunatci A. A.  
Journal of Geotechnical and Geoenvironmental Engineering, vol.149, no.8, 2023 (SCI-Expanded)
- XV. **Reconnaissance of 2020 M 7.0 Samos Island (Aegean Sea) earthquake**  
ÇETİN K. Ö., Mylonakis G., Sextos A., Stewart J. P.  
BULLETIN OF EARTHQUAKE ENGINEERING, vol.20, no.14, pp.7707-7712, 2022 (SCI-Expanded)
- XVI. **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)
- XVII. **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)
- XVIII. **Preface for the Special Issue omicron n the M7.0 Samos Island (Aegean Sea) earthquake of 30th**

**October 2020: reconnaissance missions and first observations**

Sextos A., ÇETİN K. Ö., Mylonakis G., Stewart J. P.

BULLETIN OF EARTHQUAKE ENGINEERING, vol.20, no.14, pp.7705-7706, 2022 (SCI-Expanded)

- XIX. **The site effects in Izmir Bay of October 30 2020, M7.0 Samos Earthquake**  
ÇETİN K. Ö., ALTUN S., ASKAN GÜNDOĞAN A., AKGÜN M., SEZER A., KINCAL C., ÖZDAĞ Ö. C., İpek Y., UNUTMAZ B., GÜLERCE Z., et al.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.152, 2022 (SCI-Expanded)
- XX. **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)
- XXI. **Large Scale Direct Shear Box Tests on Gravels**  
Yunatci A. A., ÇETİN K. Ö.  
TEKNIK DERGI, vol.33, no.1, pp.11617-11623, 2022 (SCI-Expanded)
- XXII. **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)
- XXIII. **Probability-based assessment of number of equivalent uniform stress cycles**  
ÇETİN K. Ö., Altinci E., Bilge H. T.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.143, 2021 (SCI-Expanded)
- XXIV. **Probabilistic assessments of void ratio limits and their range for cohesionless soils**  
ÇETİN K. Ö., ILGAÇ M.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.142, 2021 (SCI-Expanded)
- XXV. **Consolidated Undrained Monotonic Shearing Response of Hydrophobic Kizilirmak Sand**  
Tatar H. M., ÇETİN K. Ö.  
TEKNIK DERGI, vol.32, no.2, pp.10675-10694, 2021 (SCI-Expanded)
- XXVI. **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., Stamatakos J., et al.  
EARTHQUAKE SPECTRA, vol.36, no.2, pp.939-959, 2020 (SCI-Expanded)
- XXVII. **SPT-based probabilistic and deterministic assessment of seismic soil liquefaction triggering hazard**  
ÇETİN K. Ö., Seed R. B., Kayen R. E., Moss R. E. S., Bilge H. T., ILGAÇ M., Chowdhury K.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.115, pp.698-709, 2018 (SCI-Expanded)
- XXVIII. **Examination of differences between three SPT-based seismic soil liquefaction triggering relationships**  
ÇETİN K. Ö., Seed R. B., Kayen R. E., Moss R. E. S., Bilge H. T., ILGAÇ M., Chowdhury K.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.113, pp.75-86, 2018 (SCI-Expanded)
- XXIX. **Seismic response of hunchbacked block type gravity quay walls**  
Yuksel Z. T., YÜKSEL Y., ÇETİN K. Ö., ÇEVİK E.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.101, pp.225-233, 2017 (SCI-Expanded)
- XXX. **Probabilistic Seismic-Hazard Assessment for East Anatolian Fault Zone Using Planar Fault Source Models**  
GÜLERCE Z., SHAH S. T., MENEKŞE A., Ozacar A. A., Kaymakci N., ÇETİN K. Ö.  
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.107, no.5, pp.2353-2366, 2017 (SCI-Expanded)
- XXXI. **Closure to "Shear-Wave Velocity-Based Probabilistic and Deterministic Assessment of Seismic Soil Liquefaction Potential"**  
Kayen R., Moss R. E. S., Thompson E. M., Seed R. B., Cetin K. Ö., Der Kiureghian A., Tanaka Y., Tokimatsu K.  
JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.140, no.4, 2014 (SCI-Expanded)
- XXXII. **Shear-Wave Velocity-Based Probabilistic and Deterministic Assessment of Seismic Soil Liquefaction**

## **Potential**

Kayen R., Moss R. E. S., Thompson E. M., Seed R. B., ÇETİN K. Ö., Kiureghian A. D., Tanaka Y., Tokimatsu K.  
JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.139, no.3, pp.407-419, 2013 (SCI-Expanded)

XXXIII. **Assessment of seismic soil liquefaction triggering beneath building foundation systems**

ÇETİN K. Ö., UNUTMAZ B., Jeremic B.

SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.43, pp.160-173, 2012 (SCI-Expanded)

XXXIV. **Post-cyclic settlement and tilting potential of mat foundations**

UNUTMAZ B., ÇETİN K. Ö.

SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.43, pp.271-286, 2012 (SCI-Expanded)

XXXV. **Cyclic Large Strain and Induced Pore Pressure Models for Saturated Clean Sands**

ÇETİN K. Ö., Bilge H. T.

JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.138, no.3, pp.309-323, 2012 (SCI-Expanded)

XXXVI. **Performance-Based Assessment of Magnitude (Duration) Scaling Factors**

ÇETİN K. Ö., Bilge H. T.

JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.138, no.3, pp.324-334, 2012 (SCI-Expanded)

XXXVII. **Soil Uncertainty and Its Influence on Simulated  $G=G(\max)$  and Damping Behavior**

Sett K., UNUTMAZ B., ÇETİN K. Ö., Koprivica S., Jeremic B.

JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.137, no.3, pp.218-226, 2011 (SCI-Expanded)

XXXVIII. **Closure to "CPT-Based Probabilistic Soil Characterization and Classification" by K. Onder Cetin and Cem Ozan**

ÇETİN K. Ö., Ozan C.

JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.136, no.3, pp.544-546, 2010 (SCI-Expanded)

XXXIX. **Probabilistic Models for Cyclic Straining of Saturated Clean Sands**

ÇETİN K. Ö., BİLGE H. T., Wu J., Kammerer A. M., Seed R. B.

JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.135, no.3, pp.371-386, 2009 (SCI-Expanded)

XL. **Probabilistic Model for the Assessment of Cyclically Induced Reconsolidation (Volumetric) Settlements**

ÇETİN K. Ö., BİLGE H. T., Wu J., Kammerer A. M., Seed R. B.

JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.135, no.3, pp.387-398, 2009 (SCI-Expanded)

XLI. **Zero-Displacement Lateral Spreads, 1999 Kocaeli, Turkey, Earthquake**

Youd T. L., Deden D. W., Bray J. D., Sancio R., ÇETİN K. Ö., Gerber T. M.

JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.135, no.1, pp.46-61, 2009 (SCI-Expanded)

XLII. **CPT-Based Probabilistic Soil Characterization and Classification**

ÇETİN K. Ö., Ozan C.

JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.135, no.1, pp.84-107, 2009 (SCI-Expanded)

XLIII. **Probabilistic assessment of stress normalization for CPT data**

Cetin K. O., Isik N. S.

JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.133, no.7, pp.887-897, 2007 (SCI-Expanded)

XLIV. **Earthquake-induced liquefaction around marine structures**

Sumer B. M., Ansal A., Cetin K. O., Damgaard J., Gunbak A. R., Hansen N. O., Sawicki A., Synolakis C. E., Yalciner A. C., Yuksel Y., et al.

- JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING, vol.133, no.1, pp.55-82, 2007 (SCI-Expanded)
- XLV. **CPT-based probabilistic and deterministic assessment of in situ seismic soil liquefaction potential**  
Moss R. E. S., Seed R. B., Kayen R. E., Stewart J. P., Kiureghian A. D., Cetin K. O.  
JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.132, no.8, pp.1032-1051, 2006 (SCI-Expanded)
- XLVI. **Closure to "Liquefaction-induced lateral spreading at Izmit Bay during the Kocaeli (Izmit)-Turkey earthquake" by K. Onder Cetin, T. Leslie Youd, Raymond B. Seed, Jonathan D. Bray, Jonathan P. Stewart, H. Turan Durgunoglu, W. Lettis, and M. Tolga Yilmaz**  
Cetin O., Youd T. L., Seed R. B., Bray J. D., Stewart J. P., Durgunoglu H. T., Lettis W., Yilmaz M. T.  
JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.132, no.7, pp.956-959, 2006 (SCI-Expanded)
- XLVII. **Closure to "Standard penetration test-based probabilistic and deterministic assessment of seismic soil liquefaction potential" by K. Onder Cetin, Raymond B. Seed, Armen Der Kiureghian, Kohji Tokimatsu, Leslie F. Harder Jr., Robert E. Kayen, and Robert E. S. Moss**  
Cetin K., Seed R., Kiureghian A., Tokimatsu K., Harder L., Kayen R., Moss R.  
JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.132, no.5, pp.667-669, 2006 (SCI-Expanded)
- XLVIII. **Discussion of "Standard penetration test-based Probabilistic and deterministic assessment of seismic soil liquefaction potential" by K. Onder Cetin, Raymond B. Seed, Armen Der Kiureghian, Kohji Tokimatsu, Leslie F. Harder Jr., Robert E. Kayen, and Robert E. S. Moss**  
Luebbbers M.  
JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.132, no.5, pp.667, 2006 (SCI-Expanded)
- XLIX. **Closure to "Subsurface characterization at ground failure sites in Adapazari, Turkey" by Jonathan D. Bray, Rodolfo B. Sancio, Turan Durgunoglu, Akin Onalp, T. Leslie Youd, Jonathan P. Stewart, Raymond B. Seed, Onder K. Cetin, Ertan Bol, M. B. Baturay, C. Christensen, and T Karadayilar - July 2004, vol. 130, no. 7, pp. 673-685.**  
Bray J., Sancio R., Travasarou T., Durgunoglu T., Onalp A., Youd T., Stewart J., Seed R., Cetin O., Bol E., et al.  
JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.132, no.4, pp.541-547, 2006 (SCI-Expanded)
- L. **A comparative study on the actual and estimated seismic response of Kiralkizi Dam in Turkey**  
Cetin K., Isik N., Batmaz S., Karabiber S.  
JOURNAL OF EARTHQUAKE ENGINEERING, vol.9, no.4, pp.445-460, 2005 (SCI-Expanded)
- LI. **Liquefaction-induced lateral spreading at Izmit Bay during the 1999 Kocaeli (Izmit) – Turkey Earthquake**  
Çetin K. Ö., Youd T. L., Seed R. B., Bray J. D., Durgunoglu, Durgunoglu H. T. T., Lettis, Lettis W., Yilmaz M. T.  
Journal Of Geotechnical And Geoenvironmental Engineering, vol.130, no.130, pp.1300-1313, 2004 (SCI-Expanded)
- LII. **Seismic response of a rubble mound breakwater in Turkey**  
Yuksel Y., Cetin K., Ozguven O., Isik N., Cevik E., Sumer B.  
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-MARITIME ENGINEERING, vol.157, no.4, pp.151-161, 2004 (SCI-Expanded)
- LIII. **Seismically induced landslide at degirmendere nose, Izmit Bay during Kocaeli (Izmit)-Turkey earthquake**  
Cetin K., Isik N., Unutmaz B.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.24, no.3, pp.189-197, 2004 (SCI-Expanded)
- LIV. **Nonlinear shear mass participation factor ( $r(d)$ ) for cyclic shear stress ratio evaluation**  
Cetin K., Seed R.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.24, no.2, pp.103-113, 2004 (SCI-Expanded)
- LV. **Liquefaction induced ground deformations at Hotel Sapanca during Kocaeli (Izmit), Turkey earthquake**

Cetin K., Youd T., Seed R., Bray J., Sancio R., Lettis W., Yimaz M. T., Durgunoglu H.  
Soil Dynamics and Earthquake Engineering, vol.22, no.9-12, pp.1083-1092, 2002 (SCI-Expanded)

**LVI. Probabilistic models for the initiation of seismic soil liquefaction**

Cetin K., Kiureghian A., Seed R.  
STRUCTURAL SAFETY, vol.24, no.1, pp.67-82, 2002 (SCI-Expanded)

**LVII. Performance of Improved Ground and Earth Structures**

Mitchell J. K., Martin II J. R., Olgun C. G., Emrem C., Durgunoglu H. T., Cetin K. Ö., Karadayilar T.  
Earthquake Spectra, vol.16, pp.191-225, 2000 (SCI-Expanded)

## Articles Published in Other Journals

**I. Guest Editorial for the Special Issue on “Recent Advances in Ground Engineering”**

Assadi-Langroudi A., ÇETİN K. Ö., Consoli N. C., EKİNCİ A., Ferreira P. M. V.  
International Journal of Geosynthetics and Ground Engineering, vol.9, no.4, 2023 (ESCI)

**II. Gravelly Liquefaction Case Histories after 2008 Wenchuan-China Earthquake  $M_w = 7.9$**

ŞAHİN A., ÇETİN K. Ö.  
International Journal of Geosynthetics and Ground Engineering, vol.9, no.4, 2023 (ESCI)

**III. 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)

**IV. Dataset on SPT-based seismic soil liquefaction**

ÇETİN K. Ö., Seed R. B., Kayen R. E., Moss R. E. S., Bilge H. T., ILGAÇ M., Chowdhury K.  
DATA IN BRIEF, vol.20, pp.544-548, 2018 (ESCI)

**V. The use of the SPT-based seismic soil liquefaction triggering evaluation methodology in engineering hazard assessments**

ÇETİN K. Ö., Seed R. B., Kayen R. E., Moss R. E. S., Bilge H. T., ILGAÇ M., Chowdhury K.  
METHODSX, vol.5, pp.1556-1575, 2018 (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

**II. Geotechnical Reconnaissance Findings**

ÇETİN K. Ö., Ziotopoulou K., Mylonakis G., Klimis N., YILMAZ M. T., GÜLERCE Z., CAN G., ILGAÇ M., ÇAKIR E., SÖYLEMEZ B., et al.  
in: Seismological and Engineering Effects of the M 7.0 Samos Island (Aegean Sea) Earthquake, K. Onder Cetin, George Mylonakis, Anastasios Sextos, Jonathan P. Stewart, Editor, GEER, pp.179-224, 2020

**III. Site Effects**

ÇETİN K. Ö., Papadimitriou A., Mylonakis G., Ziotopoulou K., ASKAN GÜNDOĞAN A., ILGAÇ M., CAN G., ÇAKIR E., SÖYLEMEZ B., Elsaid A., et al.  
in: Seismological and Engineering Effects of the M 7.0 Samos Island (Aegean Sea) Earthquake, K. Onder Cetin, George Mylonakis, Anastasios Sextos, Jonathan P. Stewart, Editor, GEER, pp.160-178, 2020

**IV. Stress Scaling Factors for Seismic Soil Liquefaction Engineering Problems: A Performance-Based Approach, Perspectives on Earthquake Geotechnical Engineering**

ÇETİN K. Ö., bilge t. h.  
in: Geotechnical Geological and Earthquake Engineering, Atilla Ansal, Muhamed Sakr, Editor, Springer International, pp.113-139, 2015

- V. **Yer Mühendislik Terimleri Sözlüğü**  
ULUSAY R., Ekmekçi M., ÇETİN K. Ö., AKTAR M., Gerçek H.  
TMMOB Maden Mühendisleri Odası, 2011
- VI. **Zemin araştırmaları ve yüzey zeminlerinin karakterize edilerek belgelendirilmesi Türkiye Afet Yönetim Sisteminin İyileştirilmesi Projesi TUR 94 006**  
ÇETİN K. Ö., UNUTMAZ B., GÜLKAN H. P., BAKIR B. S.  
Afet İşleri Genel Müdürlüğü, 2002
- VII. **Reliability based assessment of seismic soil liquefaction initiation hazard**  
ÇETİN K. Ö.  
University of California, Berkeley, 2000

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Seismic Soil Liquefaction Triggering Assessment of Gravelly Soil Case Histories**  
ŞAHİN A., ÇETİN K. Ö.  
Geo-Congress 2024: Geotechnics of Natural Hazards, Vancouver, Canada, 25 - 28 February 2024, vol.2024-February, pp.45-53
- II. **Volumetric compression and particle crushing responses of Kızılırmak sand**  
Çakır E., Çetin K. Ö.  
Zemin Mekaniği ve Geoteknik Mühendisliği 18. Ulusal Konferansı, Kayseri, Turkey, 29 - 30 September 2022, pp.61-69
- III. **Stress Dependency in Maximum Shear Modulus: A Laboratory-based Approach**  
Zarzour M., Çetin K. Ö.  
Zemin Mekaniği ve Geoteknik Mühendisliği 18. Ulusal Konferansı, Kayseri, Turkey, 29 - 30 September 2022, pp.185-193
- IV. **Ground Improvement with Dynamic Compaction at a Boat Yard Site**  
Öner L., Kurt Bal E., Çetin K. Ö.  
Zemin Mekaniği ve Geoteknik Mühendisliği 18. Ulusal Konferansı, Kayseri, Turkey, 29 - 30 September 2022, pp.613-620
- V. **Consolidated undrained monotonic sShearing response of Kızılırmak sand**  
Çakır E., Çetin K. Ö.  
Zemin Mekaniği ve Geoteknik Mühendisliği 18. Ulusal Konferansı, Kayseri, Turkey, 29 - 30 September 2022, pp.49-59
- VI. **Assessment of Engineering Properties of Rock Fills Using Large Scale Direct Shear Testing**  
Yunatçı A. A., Bilge H. T., Doğan Y. U., Çetin K. Ö.  
Zemin Mekaniği ve Geoteknik Mühendisliği 18. Ulusal Konferansı, Kayseri, Turkey, 29 - 30 September 2022, pp.71-82
- VII. **Next Generation Liquefaction Database and Cloud Computing**  
Ulmer K., Zimmaro P., Brandenburg S., Çetin K. Ö., Franke K., Moss R., Can G., Hudson K., İlgaç M.  
12th National Conference on Earthquake Engineering, Utah, United States Of America, 27 June - 01 July 2022, pp.1-2
- VIII. **Reliability-based Unified SPT-CPT-Vs Liquefaction Triggering Models**  
Çetin K. Ö., Ayhan B. U., Moss R., Kayen R.  
12th National Conference on Earthquake Engineering, Utah, United States Of America, 27 June - 01 July 2022, pp.1-2
- IX. **An updated SPT-based seismic soil liquefaction triggering database**  
İlgaç M., Çetin K. Ö.  
7th International Young Geotechnical Engineers Conference, Sydney, Australia, 30 April - 01 May 2022, pp.1-2
- X. **An Updated Shear Wave Velocity-Based Seismic Soil Liquefaction Triggering Database**  
İLGAÇ M., Kayen R. E., Wood C., ÇETİN K. Ö.

GeoCongress on State of the Art and Practice in Geotechnical Engineering, Charlottetown, Canada, 20 - 23 March 2022, vol.334, pp.318-328

- XI. **Updated SPT-Based Seismic Soil Liquefaction Triggering Global Database**  
ILGAÇ M., ÇETİN K. Ö., Kayen R. E.  
GeoCongress on State of the Art and Practice in Geotechnical Engineering, Charlottetown, Canada, 20 - 23 March 2022, vol.334, pp.308-317
- XII. **Reliability-Based Liquefaction Triggering Assessment Framework: A Unified Approach for SPT-CPT-Vs**  
ÇETİN K. Ö., Ayhan B. U., Moss R., Kayen R.  
3rd European Conference on Earthquake Engineering and Seismology (ECEES), Bucharest, Romania, 4 - 09 September 2022, pp.109-123
- XIII. **A Critical Review of Void Ratio Relationships for Granular Soils**  
Ilgaç M., Çetin K. Ö.  
3rd Session on Modeling, Geomaterials, and Site Characterization at Geo-Congress on Vision, Insight, Outlook, Minnesota, United States Of America, 25 - 28 February 2020, pp.407-416
- XIV. **CPT-Based Assessment of Densification After Ground Improvement with Rigid Inclusions and Rammed Aggregate Piers® (RAP)**  
Çetin K. Ö., Kurt Bal E., Oner L., Arda S.  
3rd International Conference on Information Technology in Geo-Engineering, ICITG 2019, Guimarães, Portugal, 29 September - 02 October 2019, pp.831-840
- XV. **Beton Kolon ve Darbeli Kırmataş Kolon (DKK) İmalatları Sonrası Zemindeki Sıkılaştırmanın CPT Verileri İle Değerlendirilmesi**  
ÇETİN K. Ö., Kurt Bal E., Öner L., Arda S.  
Geoteknik Sempozyumu, 13 - 15 November 2019
- XVI. **Quality control for next-generation liquefaction case histories**  
Zimmaro P., Brandenburg S., Bozorgnia Y., Stewart J., Kwak D., Çetin K. Ö., Can G., Ilgaç 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
- XVII. **Türkiye Bina Deprem Yönetmeliği 2018 Işığında Yüzeysel ve Derin Temellerin Tasarımına Kritik Bakış**  
ÇETİN K. Ö., Bilge H. T.  
Zemin Mekaniği ve Temel Mühendisliği 17. Ulusal Kongresi, Turkey, 26 - 28 September 2018
- XVIII. **Performance Monitoring of Rammed Aggregate Piers: A Stockyard Case History Site**  
Kurt Bal E., Öner L., ÇETİN K. Ö.  
XVI Danube - European Conference on Geotechnical Engineering, 7 - 09 June 2018
- XIX. **Bir Deniz Dolgusunda Çöküntü Konilerinin Oluşum Hikayesi**  
ÇETİN K. Ö., SÖYLEMEZ B., ÇAKIR E.  
Prof. Dr. Feyza Cinicioglu Onuruna Teoriden Uygulamaya Geoteknik Mühendisliği Sempozyumu, Turkey, 10 May 2018
- XX. **Darbeli Kırmataş Kolonlar® (DKK) ile İyileştirilen Liman Sahasında Alan Yükleme Deneyi İle Oturma Davranışının Gözlemlenmesine İlişkin Vaka Analizi**  
ÇETİN K. Ö., Kurt Bal E., Öner L.  
7. Geoteknik Sempozyumu, Turkey, 23 - 24 November 2017
- XXI. **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
- XXII. **Silt - kil karışımı zeminlerin sıvılaşma potansiyellerinin belirlenmesi**  
ÇETİN K. Ö., Bilge H. T.  
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017
- XXIII. **Vaka Analizi: Bir Metro İstasyonu Viyadük Geçiş Projesinin Sismik Zemin - Kazikli Radye Temel**

## **Etkileşimi Değerlendirmesi**

ÇETİN K. Ö., ILGAÇ M., CAN G.

4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017

- XXIV. **Sıvılaşma Tetiklenme Analizlerinde Deprem Büyüklüğü Ölçekleme Katsayılarının Performans Esaslı Olarak Belirlenmesi**  
ÇETİN K. Ö., Bilge H. T.  
Zemin Mekaniği ve Geoteknik Mühendisliği 16. Ulusal Kongresi, Turkey, 13 - 14 October 2016
- XXV. **SPT Based Seismic Soil Liquefaction Triggering Assessment**  
ÇETİN K. Ö., ILGAÇ M.  
XIIth International Conference on Advances in Civil Engineering, 21 - 23 September 2016
- XXVI. **Probabilistic Seismic Hazard Assessment for East Anatolian Fault Zone Using Planar Source Models**  
GÜLERCE Z., Menekşe A., ÖZACAR A. A., ÇETİN K. Ö., Kaymakçı N.  
2016 Annual Meeting of Seismological Society of America, 19 - 21 April 2016
- XXVII. **Comparative Assessment of Seismic Soil Liquefaction Triggering Relationships.**  
ILGAÇ M., TOLGA B., ÇETİN K. Ö.  
6th Geotechnical Symposium, Cukurova University, Adana, Turkey, 23 - 25 November 2015
- XXVIII. **Performance Based Assessment of Rammed Aggregate Piers**  
ÇETİN K. Ö., Kurt E., Lale Ö.  
XVIth European Conference on Soil Mechanics and Geotechnical Engineering, Edinburgh, Saint Helena, 13 - 17 September 2015
- XXIX. **Effective Stress Based Large Strain Modulus Degradation Response of Fully Saturated Clean Sands**  
Bilge H. T., ÇETİN K. Ö.  
European Young Geotechnical Engineers Conference, Durham, Canada, 11 - 12 September 2015
- XXX. **Geo yapıların Duraylılık Değerlendirmelerine Esas Sismik k Katsayısının Seçimi**  
ÇETİN K. Ö.  
8. Ulusal Deprem Mühendisliği Konferansı, Prof. Dr. Mustafa O. Erdik Sempozyumu, İstanbul, Turkey, 11 - 15 May 2015
- XXXI. **Case Study: Describing and Avoiding a Deep Landslide with Instrumental Methods**  
ÇETİN K. Ö., DAMLA GAYE O., ILGAÇ M., FURKAN G.  
15th National Congress on Soil Mechanics and Foundation Engineering, Turkey, 21 - 15 October 2014
- XXXII. **A New Empirical Method to Predict Liquefaction-Induced Lateral Spread**  
Hasancebi N., ULUSAY R., ÇETİN K. Ö.  
12th International IAEG Congress, Torino, Italy, 15 - 19 September 2014, pp.1071-1075
- XXXIII. **Unified assessment of stress scaling factors for liquefaction engineering problems**  
ÇETİN K. Ö., Bilge H. T.  
2014 Congress on Geo-Characterization and Modeling for Sustainability, Geo-Congress 2014, Atlanta, GA, United States Of America, 23 - 26 February 2014, pp.4293-4302
- XXXIV. **Stress Scaling Factors for Seismic Soil Liquefaction Engineering Problems: A Performance-Based Approach**  
ÇETİN K. Ö., Bilge H. T.  
International Conference on Earthquake Geotechnical Engineering from Case History to Practice in the honour of Prof. Kenji Ishihara, İstanbul, Turkey, 17 - 19 June 2013, vol.37, pp.113-139
- XXXV. **Geotechnical Field Observations from 23 October 2011 Van Earthquake (Mw=7.1)**  
Gülerce Z., Çetin K. Ö., Yılmaz M. T., Huvaj Sarihan N., Ünsever Y. S., Ünsal S., Sağlam S., Sandıkçaya M. A., Türkoğlu M.  
10th International Congress on Advances in Civil Engineering (ACE2012), Ankara, Turkey, 17 - 19 October 2012, vol.1, pp.1-9
- XXXVI. **Interaction between the filter and PWM units in the sine filter configuration utilizing three-phase AC motor drives employing PWM inverters**  
ÇETİN K. Ö., Hava A. M.  
2010 2nd IEEE Energy Conversion Congress and Exposition, ECCE 2010, Atlanta, GA, United States Of America, 12 - 16 September 2010, pp.2592-2599

- XXXVII. **LIQUEFACTION TRIGGERING RESPONSE UNDER WAVE-INDUCED CYCLIC LOADING**  
Bilge H. T., Unutmaz B., Yunatci A. A., Yunatci I., Cetin K. O.  
28th International Conference on Ocean, Offshore and Arctic Engineering, Hawaii, United States Of America, 31 May - 05 June 2009, pp.361-366
- XXXVIII. **Assessment of structure-induced liquefaction triggering**  
Unutmaz B., ÇETİN K. Ö.  
Geotechnical Earthquake Engineering and Soil Dynamics IV Congress 2008 - Geotechnical Earthquake Engineering and Soil Dynamics, Sacramento, CA, United States Of America, 18 - 22 May 2008
- XXXIX. **Probabilistic assessment of cyclic soil straining in fine-grained soils**  
BİLGE H. T., ÇETİN K. Ö.  
Geotechnical Earthquake Engineering and Soil Dynamics IV Congress 2008 - Geotechnical Earthquake Engineering and Soil Dynamics, Sacramento, CA, United States Of America, 18 - 22 May 2008
- XL. **Impact of attenuation models on probabilistic seismic hazard analysis: A case study for Bursa city, Turkey**  
Yunatci A., ÇETİN K. Ö.  
8th US National Conference on Earthquake Engineering 2006, San Francisco, CA, United States Of America, 18 - 22 April 2006, vol.2, pp.993-1002
- XLI. **Probabilistic models for the assessment of cyclic soil deformations**  
BİLGE H. T., ÇETİN K. Ö.  
8th US National Conference on Earthquake Engineering 2006, San Francisco, CA, United States Of America, 18 - 22 April 2006, vol.3, pp.1575-1583
- XLII. **Cyclic behavior of Adapazari silt and clay mixtures.**  
PEKCAN O., ÇETİN K. Ö., BAKIR B. S.  
11th International Conference on Soil Dynamics and Earthquake Engineering, 7 - 09 January 2004
- XLIII. **A probabilistic model for CPT-based soil classification**  
Cetin K., Ozan C.  
9th International Conference on Applications of Statistics and Probability in Civil Engineering, San-Francisco, Costa Rica, 6 - 09 July 2003, pp.1231-1234
- XLIV. **Seismic liquefaction triggering correlations within a Bayesian framework**  
Moss R., ÇETİN K. Ö., Seed R.  
9th International Conference on Applications of Statistics and Probability in Civil Engineering, San-Francisco, Costa Rica, 6 - 09 July 2003, pp.1331-1335

## Supported Projects

ÇETİN K. Ö., Project Supported by Higher Education Institutions, KOHEZYONSUZ ZEMINLERİN ÇİFT YÖNLÜ DÖNGÜSEL BURULMA TESTİ, 2013 - 2013

## Activities in Scientific Journals

Soil Dynamics And Earthquake Engineering, Committee Member, 2005 - Continues

## Metrics

Publication: 198

Citation (WoS): 1265

Citation (Scopus): 2044

H-Index (WoS): 17

H-Index (Scopus): 19

## **Invited Talks**

Quick Quake Briefing: M7.0 Samos Island (Offshore Greece and Turkey) Earthquake October 30, 2020, Seminar, Earthquake Engineering Research Institute, United States Of America, August 2021

A Webinar on Reconnaissance Findings of October 30, 2020 Samos Island (Aegean Sea) M 7.0 Earthquake, Seminar, Hellenic Association of Earthquake Engineering, Earthquake Engineering Association of Turkey Earthquake Foundation of Turkey, Earthquake Engineering Research Institute (USA), Geotechnical Extreme Events Reconnaissance Association, METU-Earthquake Engineering Research Center, Turkey, January 2021

THE OCTOBER 30, 2020 AEGEAN SEA (SAMOS-SEFERIHISAR) EARTHQUAKE (MW=6.9), Seminar, Middle East Technical University, Turkey, December 2020

Bilateral Webinar between Greece & Turkey: Consequences of the Aegean Sea Mw 6.7 Earthquake, Oct. 30, 2020, on Izmir and Samos Island, Seminar, Greek Society for Concrete Research (ΕΠΕΣ) and Turkish Earthquake Foundation (TDV), Turkey, December 2020

## **Non Academic Experience**

Orta Doğu Teknik Üniversitesi

U.C. Berkeley

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