

## Lect. HABİB TOLGA BİLGE

### Personal Information

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

- I. **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)
- II. **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)
- III. **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)
- IV. **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)
- V. **Simulation of Contaminant Migration Through a Soil Layer Due to an Instantaneous Source**  
ÇOKÇA E., BİLGE H. T., Unutmaz B.  
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.19, no.2, pp.385-398, 2011 (SCI-Expanded)
- VI. **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)
- VII. **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)

### Articles Published in Other Journals

- I. **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)
- II. **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)

## Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **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
- III. **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
- IV. **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

## Metrics

Publication: 40

Citation (WoS): 197

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