

Prof. Recep İyisan

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, İnşaat Müh. Anabilimdalı - Geoteknik Mühendisliği, Turkey 1987 - 1994

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, İnşaat Müh. Anabilimdalı - Geoteknik Mühendisliği, Turkey 1985 - 1987

Undergraduate, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1980 - 1984

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Geoteknik Özelliklerin Belirlenmesinde Sismik ve Penetrasyon Denev Sonuçlarının Karşılaştırılması, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Geoteknik Mühendisliği, 1994

Postgraduate, Konsolidasyon Yöntemlerinin Kayma Mukavemetine Etkisi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Geoteknik Mühendisliği, 1987

Research Areas

Civil Engineering, Geotechnical, Foundation Engineering, Soil Mechanics, Soil Dynamics, Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul Technical University, İnşaat, İnşaat Mühendisliği, 2014 - Continues

Associate Professor, Istanbul Technical University, İnşaat, İnşaat Mühendisliği, 2002 - 2014

Research Assistant, Istanbul Technical University, İnşaat, İnşaat Mühendisliği, 1985 - 2002

Academic and Administrative Experience

İstanbul Teknik Üniversitesi, 2009 - Continues

İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2002 - Continues

Courses

Temel Mühendisliği, Undergraduate, 2016 - 2017
Tasarım Projesi, Undergraduate, 2016 - 2017
Arazi Deneyleri ve Değerlendirmesi, Postgraduate, 2015 - 2016
Temel İnşaatı, Undergraduate, 2010 - 2011
Zemin Mekaniği, Undergraduate, 2010 - 2011

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Prof. Kadrosuna Atama, BÜ , February, 2017
Appointment to Academic Staff-Assistant Professorship, Doç. Kadrosuna Atama, Pamukkale Üniversitesi, February, 2017
Doctorate, Tez Savunma Jürisi, YTÜ, January, 2016
Appointment to Academic Staff-Assistant Professorship, Prof. Kadrosuna Atama, Ege Üniversitesi, December, 2015
Appointment to Academic Staff-Assistant Professorship, Prof. Kadrosuna Atama, MEF, August, 2015
Doctoral Examination, Doktora Yeterlik Jürisi, İTÜ, June, 2015
Appointment to Academic Staff-Assistant Professorship, Yar. Doç kadrosu, MEF, April, 2013
Appointment to Academic Staff-Assistant Professorship, Yar. Doç. kadrosu, MEF, February, 2012
Post Graduate, Tez Savunma Jürisi, İTÜ, February, 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Numerical Study on the Estimation of Liquefaction-Induced Free-Field Settlements by Using PM4Sand Model**
Subasi O., Koltuk S., İyisan R.
KSCE JOURNAL OF CIVIL ENGINEERING, vol.26, no.2, pp.673-684, 2022 (SCI-Expanded)
- II. **Determination of spectral aggravation factors in alluvial basins by nonlinear numerical analyses**
Özaslan B., İyisan R.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.37, no.1, pp.247-263, 2022 (SCI-Expanded)
- III. **Numerical study using stiffness parameters on the nonlinear behavior of RCA pavements under heavy traffic loads**
Akbaş M., Özaslan B., Khanbabazadeh H., İyisan R.
TRANSPORTATION GEOTECHNICS, vol.29, 2021 (SCI-Expanded)
- IV. **Freeze and thaw effect on the stiffness properties of recycled concrete aggregate used in the road embankment**
Akbaş M., İyisan R.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.36, no.2, pp.971-984, 2021 (SCI-Expanded)
- V. **Seepage failure by heave in sheeted excavation pits constructed in stratified cohesionless soils**
Koltuk S., Song J., İyisan R., Azzam R.
Frontiers of Structural and Civil Engineering, vol.13, no.6, pp.1415-1431, 2019 (SCI-Expanded)
- VI. **2D seismic response of the Duzce Basin, Turkey**
Khanbabazadeh H., Hasal M. E., İyisan R.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.125, 2019 (SCI-Expanded)
- VII. **Comparison of One Dimensional Dynamic Analysis and Microtremor Measurement Results**

- Subasi O., Basal M. E., Özaslan B., İyisan R., Yamanaka H., Chimoto K.
TEKNIK DERGI, vol.30, no.5, pp.9459-9481, 2019 (SCI-Expanded)
- VIII. **Basin Edge Effect on Seismic Ground Response: A Parametric Study for Duzce Basin Case, Turkey**
Hasal M. E., İyisan R., Yamanaka H.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.43, no.4, pp.2069-2081, 2018 (SCI-Expanded)
- IX. **Nonlinear dynamic behavior of the basins with 2D bedrock**
Khanbabazadeh H., İyisan R., Ansal A., Zulfikar C.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.107, pp.108-115, 2018 (SCI-Expanded)
- X. **The effect of plasticity on residual shear strength for high plasticity clays Yüksek plastisiteli killerin kalici kayma mukavemetine plastisitenin etkisi**
Hatipoğlu M., İyisan R.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.32, no.2, pp.313-322, 2017 (SCI-Expanded)
- XI. **2D non-linear seismic response of the Dinar basin, TURKEY**
Khanbabazadeh H., İyisan R., Ansal A., HASAL M. E.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.89, pp.5-11, 2016 (SCI-Expanded)
- XII. **A Seismic Hazard Study through the Comparison of Ground Motion Prediction Equations Using the Weighting Factor of Logic Tree**
Gullu H., İyisan R.
JOURNAL OF EARTHQUAKE ENGINEERING, vol.20, no.6, pp.861-884, 2016 (SCI-Expanded)
- XIII. **A numerical study on the 2D behavior of clayey basins**
KHANBABAZADEH H., İyisan R.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.66, pp.31-41, 2014 (SCI-Expanded)
- XIV. **A numerical study on the 2D behavior of the single and layered clayey basins**
Khanbabazadeh H., İyisan R.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.12, no.4, pp.1515-1536, 2014 (SCI-Expanded)
- XV. **A numerical study on the basin edge effect on soil amplification**
İyisan R., Khanbabazadeh H.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.11, no.5, pp.1305-1323, 2013 (SCI-Expanded)
- XVI. **The Basin Edge Effect on Dynamic Response: Dinar Basin Model**
İyisan R., HASAL M. E.
TEKNIK DERGI, vol.22, no.3, pp.5559-5578, 2011 (SCI-Expanded)
- XVII. **Microtremor measurements for the microzonation of Dinar**
ANSAL A., İyisan R., GULLU H.
PURE AND APPLIED GEOPHYSICS, vol.158, no.12, pp.2525-2541, 2001 (SCI-Expanded)
- XVIII. **The cyclic behaviour of soils and effects of geotechnical factors in microzonation**
ANSAL A., İyisan R., YILDIRIM H.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.21, no.5, pp.445-452, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Numerical Study on Comparison of 1D and 2D Seismic Responses of a Basin in Turkey**
HASAL M. E., İYISAN R.
American Journal of Civil Engineering, vol.2, no.5, pp.123-133, 2014 (Peer-Reviewed Journal)
- II. **Numerical analysis of groundwater flow through a rectangular cofferdam**
KOLTUK S., İyisan R.
Electronic Journal of Geotechnical Engineering, pp.2041-2052, 2013 (ESCI)

Supported Projects

İyisan R., Project Supported by Higher Education Institutions, Yerel Zemin Koşullarının Büyütmeye Etkisi, 2016 - 2017

İyisan R., Project Supported by Higher Education Institutions, Zemin Büyütmesine Anakaya Eğitimi ve Topoğrafyanın Etkisi, 2011 - 2014

İyisan R., Project Supported by Higher Education Institutions, Zemin Tabakalarının İki Boyutlu Dinamik Analizi, 2004 - 2005

Scientific Refereeing

AJCE, SCI Journal, April 2016

Teknik Dergi, SCI Journal, July 2015

Bulletion of Earthquake Engineering, SCI Journal, March 2012

Metrics

Publication: 46

Citation (WoS): 114

Citation (Scopus): 134

H-Index (WoS): 6

H-Index (Scopus): 7