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Personal Information

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Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, İnşaat Mühendisliği, Turkey 2003 - 2013

Undergraduate, Gazi University, Mühendislik Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1997 - 2002

Foreign Languages

English, B2 Upper Intermediate

German, B1 Intermediate

Certificates, Courses and Trainings

Other, Doğal Afet Risk Yönetimi, ODTÜ Sürekli Eğitim Merkezi, 2010

Dissertations

Doctorate, A PREDICTIVE MODEL FOR MAXIMUM INTERSTORY DRIFT RATIO (MIDR) AND ITS IMPLEMENTATION IN PROBABILITY-BASED DESIGN AND PERFORMANCE ASSESSMENT PROCEDURES, Middle East Technical University, İnşaat Mühendisliği Bölümü, Yapı A.B.D, 2013

Research Areas

Civil Engineering, Structure, Structural Engineering, Performance of Constructed Facilities, Earthquake Engineering, Concrete Structures, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Akdeniz University, Faculty of Engineering, Department of Civil Engineering, 2014 - Continues
Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, 2004 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. An improved earthquake catalogue ($M \geq 4.0$) for Turkey and its near vicinity (1900-2012)

KADIRIOĞLU F. T., Kartal R. F., Kılıç T., Kalafat D., Duman T. Y., Azak T., Özalp S., Emre O.

BULLETIN OF EARTHQUAKE ENGINEERING, vol.16, no.8, pp.3317-3338, 2018 (SCI-Expanded)

II. Effects of seismic declustering on seismic hazard assessment: a sensitivity study using the Turkish earthquake catalogue

Azak T., Kalafat D., Sesetyan K., Demircioglu M. B.

BULLETIN OF EARTHQUAKE ENGINEERING, vol.16, no.8, pp.3339-3366, 2018 (SCI-Expanded)

III. Seismotectonic database of Turkey

Duman T. Y., ÇAN T., Emre O., KADIRIOĞLU F. T., Basturk N. B., Kılıç T., Arslan S., Özalp S., Kartal R. F., Kalafat D., et al.

BULLETIN OF EARTHQUAKE ENGINEERING, vol.16, no.8, pp.3277-3316, 2018 (SCI-Expanded)

IV. A probabilistic seismic hazard assessment for the Turkish territory-part I: the area source model

Sesetyan K., Demircioglu M. B., Duman T. Y., ÇAN T., Tekin S., Azak T., Fercan O. Z.

BULLETIN OF EARTHQUAKE ENGINEERING, vol.16, no.8, pp.3367-3397, 2018 (SCI-Expanded)

V. Evolution of seismic hazard maps in Turkey

Akkar S., Azak T., ÇAN T., CEKEN U., Tumsa M. B. D., DUMAN T. Y., Erdik M., Ergintav S., KADIRIOĞLU F. T., Kalafat D., et al.

BULLETIN OF EARTHQUAKE ENGINEERING, vol.16, no.8, pp.3197-3228, 2018 (SCI-Expanded)

Articles Published in Other Journals

I. PROBABILISTIC SEISMIC HAZARD MAPS FOR ADANA PROVINCE IN TURKEY

EROĞLU AZAK T., Tekin S.

International Journal of Engineering and Applied Sciences, vol.7, no.1, pp.103-120, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

I. Türkiye ve yakın çevresi için geliştirilmiş aletsel dönem (1900 - 2012) deprem Kataloğu (M ? 4,0)

Kadirioğlu F. T., Kartal R. F., Kılıç T., Kalafat D., Duman T. Y., EROĞLU AZAK T., Özalp S., Emre Ö.

in: Türkiye Sismotektonik Haritası Ölçek 1:500.000, Tamer Y. Duman, Editor, Maden Tetkik Ve Arama Genel Müdürlüğü, Ankara, pp.59-83, 2017

II. Türkiye Sismotektonik Haritası ve veri tabanı

Duman T. Y., Çan T., Emre Ö., Kadirioğlu F. T., Başarır Baştürk N., Kılıç T., Arslan S., Özalp S., Kartal R. F., Kalafat D., et al.

in: Türkiye Sismotektonik Haritası Ölçek 1:500.000, Tamer Y. Duman, Editor, Maden Tetkik Ve Arama Genel Müdürlüğü, Ankara, pp.137-162, 2017

III. Structural analysis of historic temple of Augustus in Ankara, Turkey

Türer A., EROĞLU AZAK T.

in: Structural Analysis of Historical Constructions, Lourenço, P. B., Roca, P., Modena, C., Agrawal, S., Editor, Mcmillan India Ltd., New Delhi, pp.1789-1796, 2006

IV. Condition evaluation and strengthening techniques for Kayakapi ruins in Turkey

Türer A., EROĞLU AZAK T.

in: FRP Composites in Civil Engineering - CICE 2004, Seracino, R. , Editor, Crc Press Taylor And Francis Group Plc. A.A. Balkema Publishers, Leiden, pp.969-975, 2004

Refereed Congress / Symposium Publications in Proceedings

I. Türkiye Sismotektonik Haritası

Duman T. Y., Çan T., Emre Ö., Kadirioğlu F. T., Başarır Baştürk N., Kılıç T., Arslan S., Özalp S., Kartal R. F., Kalafat D., et al.

69. Türkiye Jeoloji Kurultayı, Ankara, Turkey, pp.442

II. Evaluation of Changing Building Characteristics in Turkey

Ay B. Ö., EROĞLU AZAK T., Erberik M. A.

12th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 - 23 September 2016, pp.1-7

III. The ECAT Software Package to Analyze Earthquake Catalogues

EROĞLU AZAK T.

International Science and Technology Conference, Viyana, Austria, 13 - 15 July 2016, pp.967-974

IV. Estimation of The Seismic Hazard Parameters of The City of Antalya, Southwest Turkey

Uçar F., Aktürk Ö., Eroğlu Azak T.

International Multidisciplinary Scientific GeoConference (SGEM2016), Albena, Bulgaria, 28 June - 07 July 2016, vol.1, no.3, pp.483-490

V. Estimation of The Seismic Hazard Parameters of The City of Antalya, Southwest Turkey

UÇAR F., AKTÜRK Ö., EROĞLU AZAK T.

International Multidisciplinary Scientific GeoConference (SGEM2016), Albena, Bulgaria, 28 June - 07 July 2016, vol.1, no.3, pp.483-490

VI. ESTIMATION OF THE SEISMIC HAZARD PARAMETERS OF THE CITY OF ANTALYA, SOUTHWEST TURKEY

UÇAR F., AKTÜRK Ö., EROĞLU AZAK T.

International Multidisciplinary Scientific GeoConference (SGEM2016), Albena, Bulgaria, 28 June - 07 July 2016, vol.1, no.3, pp.483-490

VII. Türkiye için Alan Kaynak Modeline Dayalı Olasılıksal Deprem Tehlike Analizi

Şeşetyan K., Demircioğlu M. B., Duman T. Y., Çan T., Tekin S., EROĞLU AZAK T., Zülfikar Ö., Akkar S.

3. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, İzmir, Turkey, 14 - 16 October 2015, pp.1

VIII. Deterministik yaklaşım İle Adana İli Maksimum Yer İvmesi Haritası

Tekin S., EROĞLU AZAK T.

Aktif Tektonik Araştırma Grubu Toplantıları (ATAG 19), Sakarya, Turkey, 7 - 09 October 2015, pp.49

IX. Yumurtalık ve Çevresi İçin Maksimum Yer İvmesi Haritası

Tekin S., EROĞLU AZAK T.

Doğu Anadolu Jeoloji Sempozyumu, Van, Turkey, 7 - 11 September 2015, pp.108-109

X. The use of sewage sludge in cement mortar production

CİVELEK K. B., EROĞLU AZAK T., TÜRKER F.

International Multidisciplinary Scientific GeoConferences SGEM, Varna, Bulgaria, 16 - 25 June 2015, vol.4, pp.589-596

XI. The Use of Sewage Sludge in Cement Mortar Production

CİVELEK K. B., EROĞLU AZAK T., Türker F.

15th International Multidisciplinary Scientific GeoConferences SGEM, Albena, Bulgaria, 15 - 26 June 2015, vol.1, no.4, pp.589-596

XII. A Statistical Study on Geometrical Properties of Turkish Reinforced Concrete Building Stock

EROĞLU AZAK T., Ay B. Ö., Akkar S.

Second European Conference on Earthquake Engineering and Seismology, İstanbul, Turkey, 24 - 29 August 2014, pp.1-11

XIII. A Predictive Model for Maximum Interstory Drift Ratio for Code Complying Low and Mid Rise Frame-Type Regular RC Buildings in Turkey

EROĞLU AZAK T., Akkar S.

Second European Conference on Earthquake Engineering and Seismology, İstanbul, Turkey, 24 - 29 August 2014, pp.1-13

XIV. Effect of Different Modelling Assumptions on the Seismic Response of RC Structures

Sousa R., EROĞLU AZAK T., Kazantzidou D., Kohrangi M., Sousa L., Nascimbene R., Pinho R.

15th World Conference on Earthquake Engineering, Lizbon, Portugal, 24 - 28 September 2012, pp.1-10

XV. Using Nonlinear Static Procedures for the Seismic Assessment of Irregular RC Buildings

Sousa R., EROĞLU AZAK T., Kazantzidou D., Kohrangi M., Sousa L., Nascimbene R., Pinho R.

15th World Conference on Earthquake Engineering, Lizbon, Portugal, 24 - 28 September 2012, pp.1-10

- XVI. **A Simplified Continuum Model for Rapid Estimation of Nonlinear Global Capacity in Discrete Frame Systems**

EROĞLU AZAK T., Akkar S.

14th European Conference on Earthquake Engineering, Skopje, Macedonia, 30 August - 08 September 2010, pp.1-8

- XVII. **Structural Health Monitoring - A Methodological Approach for Application**

EROĞLU AZAK T., Türer A.

Seventh International Congress on Advances in Civil Engineering,, İstanbul, Turkey, 11 - 13 October 2006, pp.1-8

Other Publications

- I. **Türkiye Yeni Deprem Tehlikesi Haritası Deprem Yönetmeliğine Yansıması**

Akkar S., EROĞLU AZAK T., Çan T., Çeken U., Demircioğlu M. B., Duman T. Y., Ergintav S., Kadirioğlu F. T., Kalafat D., Kale Ö., et al.

Other, pp.11-22, 2016

Supported Projects

EROĞLU AZAK T., Project Supported by Other Official Institutions, Türkiye, 2013 - 2014

EROĞLU AZAK T., Project Supported by Other Official Institutions, Hazine ve Dış Ticaret Müsteşarlığı A Blok binasının Yapısal Sağlık İzleme Projesi, 2005 - 2006

EROĞLU AZAK T., Other International Funding Programs, TEMPLE OF AUGUSTUS CONSERVATION PROJECT, 2004 - 2005

Metrics

Publication: 28

Citation (WoS): 87

Citation (Scopus): 94

H-Index (WoS): 5

H-Index (Scopus): 5

Congress and Symposium Activities

International Science and Technology Conference, Session Moderator, Vienna, Austria, 2016

International Science and Technology Conference, Attendee, Wien, Austria, 2016

Türkiye Sismik Tehlike Haritası ve Türkiye Bina Deprem Yönetmeliği Çalıştayı, Attendee, Turkey, 2016

15th International Multidisciplinary Scientific GeoConferences SGEM, Session Moderator, Varna, Bulgaria, 2015

15th International Multidisciplinary Scientific GeoConferences SGEM, Attendee, Bulgaria, 2015

Yeni Nesil Deprem Yönetmelikleri ve Deprem Mühendisliğinde Yeni Teknolojiler Sempozyumu, Attendee, Ankara, Turkey, 2015

19. Esri Kullanıcıları Konferansı, Attendee, Ankara, Turkey, 2014

Second European Conference on Earthquake Engineering and Seismology, Attendee, İstanbul, Turkey, 2012

14th European Conference on Earthquake Engineering, Attendee, Ohrid, Macedonia, 2010

Deprem Mühendisliği: Esaslar ve Uygulamalar, Attendee, Turkey, 2005

Scholarships

