

## **Prof. ERHAN ALTUNEL**

### **Personal Information**

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### **International Researcher IDs**

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ScopusID: 57204373418

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### **Education Information**

Doctorate, University of Bristol, Department Of Earth Sciences, United Kingdom 1991 - 1994

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1983 - 1987

### **Dissertations**

Doctorate, Active Tectonics and the Evolution of Quaternary Travertines at Pamukkale, Western Turkey, University of Bristol, Department Of Earth Sciences, 1994

### **Research Areas**

Geoarcheology, Areal Geology (general, maps and charts), Tectonics (Paleotectonics, Neotectonics, Seismotectonics), Structural Geology, Surficial Geology (geomorphology, quaternary geology, soils)

### **Academic Titles / Tasks**

Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, JEOLJİ MÜHENDİSLİĞİ BÖLÜMÜ, 2005 - Continues

Associate Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, JEOLJİ MÜHENDİSLİĞİ BÖLÜMÜ, 2000 - 2005

Assistant Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, JEOLJİ MÜHENDİSLİĞİ BÖLÜMÜ, 1995 - 2000

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Hidrojeoloji Mühendisliği Bölümü, 1987 - 1988

### **Academic and Administrative Experience**

Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, JEOLJİ MÜHENDİSLİĞİ BÖLÜMÜ, 2005 - Continues

Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, JEOLJİ MÜHENDİSLİĞİ BÖLÜMÜ, 2006 - 2009

## Courses

Arkeojeoloji, Undergraduate, 2019 - 2020  
Neotektonik, Postgraduate, 2020 - 2021  
Türkiye Jeolojisi, Undergraduate, 2019 - 2020  
Deprem Jeolojisi Araştırmaları, Undergraduate, 2020 - 2021  
Global Tektonik, Undergraduate, 2020 - 2021  
Deprem Jeolojisi, Undergraduate, 2020 - 2021

## Advising Theses

Altunel E., Aktif Fayları Geçen Antik Yollarda Tarihsel Deprem İzlerinin Araştırılması:Kuzey Anadolu Fay Zonu Üzerinde Pilot Çalışma, Postgraduate, İ.ELMA(Student), 2020  
Altunel E., Kuzey Anadolu Fay Zonu'nuda Gerede Bayramören arasında meydana gelen krip hareketinin yersel lidar ile izlenmesi, Doctorate, S.ALTINOK(Student), 2016  
Altunel E., Potansiyel alan (manyetik ve gravite) verileri ile Eskişehir fay zonunun incelenmesi, Postgraduate, Y.CAN(Student), 2016  
Altunel E., Kuzey Anadolu fay zonu'nun Ladik-Taşova segmenti üzerinde devam eden deformasyonun takibi, Postgraduate, E.TUNÇEL(Student), 2015  
Altunel E., Doğu Anadolu Fay Zonu'nun Gölbaşı (Adıyaman) İle Karataş (Adana) arasındaki kesiminin geç kuvaterner aktivitesi, Doctorate, Ö.YÖNLÜ(Student), 2012  
Altunel E., Kütahya fay zonu'nun kuvaterner aktivitesi, Postgraduate, S.ALTINOK(Student), 2010  
Altunel E., Gömülü yapıların yeraltı radarı (GPR) yöntemi ile araştırılması: Büyük Menderes grabeninde paleosismolojik ve arkeosismolojik uygulamalar, Doctorate, C.ÇAĞLAR(Student), 2009  
Altunel E., Büyük Menderes grabeninin batı kesiminin morfotektonik özellikleri ve tarihsel deprem aktivitesi, Postgraduate, Ö.YÖNLÜ(Student), 2008  
Altunel E., Ölü deniz fay zonu kuzey kesiminin kuvaterner aktivitesi, Doctorate, V.KARABACAK(Student), 2007  
Altunel E., Hierapolis antik kentinin arkeosismolojik açıdan incelenmesi, Postgraduate, B.MÜSLİHİN(Student), 2006  
Altunel E., Vlf-Em yönteminin aktif fay çalışmalarında kullanılması: Eskişehir fay zonu üzerindeki örnek bir çalışma, Postgraduate, Ç.YALÇINER(Student), 2004  
Altunel E., Ihlara vadisi civarındaki traverten oluşumları ve tektonik önemleri, Postgraduate, V.KARABACAK(Student), 2002  
Altunel E., Eskişehir fay zonunun İnönü-Dodurga segmentinin neotektonik özellikleri, Postgraduate, F.TOKAY(Student), 2001  
Altunel E., Uzaktan Algılama Yöntemleri ile Eskişehir Civarındaki Tektonik Hatların Belirlenmesi, Postgraduate, A.Sinan(Student), 1997  
Altunel E., Eskişehir Güneyinde (Meşelik Mevkii) Neotektonik Deformasyonları Belirten Yapılar, Postgraduate, D.Ateş(Student), 1997

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

- I. **Potential domino effect of the 2023 Kahramanmaraş earthquake on the centuries-long seismic quiescence of the Dead Sea fault: inferences from the North Anatolian fault**  
Altunel E., Kozacı Ö., Yıldırım C., Sbeinati R. M., Meghraoui M.  
SCIENTIFIC REPORTS, vol.1, no.1, pp.1-9, 2024 (SCI-Expanded)
- II. **Geotechnical and geological reconnaissance observations of the 6 February 2023 Türkiye earthquakes**  
Moss R. E., ALTUNEL E., Bassal P., Bray J. D., Buckreis T. E., ÇETİN K. Ö., Clahan K., Duman E., Frost D., Hashash Y., et al.

Earthquake Spectra, 2024 (SCI-Expanded)

- III. **M7.8 Kahramanmaraş Earthquake Surface Fault Rupture and Near-fault Effect Observations**  
Kozacı Ö., Altunel E., Koehler R., Yıldırım C., Clahan K.  
Japanese Geotechnical Society Special Publication, vol.1, no.1, pp.276-281, 2024 (SCI-Expanded)
- IV. **Characteristics of the North Anatolian Fault at the eastern end of Marmara seismic gap based on multidisciplinary field evidence**  
Altunel E., Kozacı Ö.  
Geophysical Journal International, vol.229, no.3, pp.1785-1803, 2022 (SCI-Expanded)
- V. **Tectonic implications of the Mw 6.8, 30 October 2020 Kusadasi Gulf earthquake in the frame of active faults of Western Turkey**  
Altunel E., Pınar A.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.30, no.4, pp.436-448, 2021 (SCI-Expanded)
- VI. **High-resolution ground penetrating radar investigation of yerebatan (Basilica) cistern in istanbul (constantinople) for restoration purposes**  
AYDINGÜN Ş., Kurban Y., YALÇINER C. Ç., BÜYÜKSARAÇ A., GÜNDOĞDU E., ALTUNEL E.  
Mediterranean Archaeology and Archaeometry, vol.20, no.3, pp.13-26, 2020 (AHCI)
- VII. **Pamukkale Travertines: A Natural and Cultural Monument in the World Heritage List**  
ALTUNEL E., D'Andria F.  
LANDSCAPES AND LANDFORMS OF TURKEY, pp.219-229, 2019 (SCI-Expanded)
- VIII. **Paleoseismic history and slip rate along the Sapanca-Akyazi segment of the 1999 Izmit earthquake rupture (M-w=7.4) of the North Anatolian Fault (Turkey)**  
Dikbas A., Akyüz H. S., Meghraoui M., Ferry M., ALTUNEL E., Zabcı C., Langridge R., YALÇINER C. Ç.  
TECTONOPHYSICS, vol.738, pp.92-111, 2018 (SCI-Expanded)
- IX. **Comment on "First records of syn-diagenetic non-tectonic folding in Quaternary thermogene travertines caused by hydrothermal incremental veining" by Billi et al. Tectonophysics 700-701 (2017) 60-79**  
Alcicek M. C., Alcicek H., Altunel E., Arenas C., Bons P., Brogi A., Capezzuoli E., De Riese T., Della Porta G., Gandin A., et al.  
TECTONOPHYSICS, vol.721, pp.491-500, 2017 (SCI-Expanded)
- X. **Geological and geomorphological evidence for the southwestern extension of the East Anatolian Fault Zone, Turkey**  
Yonlu O., ALTUNEL E., KARABACAK V.  
EARTH AND PLANETARY SCIENCE LETTERS, vol.469, pp.1-14, 2017 (SCI-Expanded)
- XI. **Research using GPR into the cause of cracks and depressions in the floor of the gallery of Hagia Sophia Museum**  
YALÇINER C. Ç., Kurban Y. C., ALTUNEL E.  
CONSTRUCTION AND BUILDING MATERIALS, vol.139, pp.458-466, 2017 (SCI-Expanded)
- XII. **Seismotectonics and rupture process of the M-W 7.1 2011 Van reverse-faulting earthquake, eastern Turkey, and implications for hazard in regions of distributed shortening**  
Mackenzie D., Elliott J. R., ALTUNEL E., Walker R. T., Kurban Y. C., Schwenninger J. -, Parsons B.  
GEOPHYSICAL JOURNAL INTERNATIONAL, vol.206, no.1, pp.501-524, 2016 (SCI-Expanded)
- XIII. **Reply to Comment on "Analyses of Seismic Deformation at the Kibyra Roman Stadium, Southwest Turkey"**  
KARABACAK V., Yonlu O., Doku E., KIYAK N. G., ALTUNEL E., ÖZÜDOĞRU Ş., YALÇINER C. Ç., Akyüz H. S.  
GEOARCHAEOLOGY-AN INTERNATIONAL JOURNAL, vol.29, no.4, pp.353-356, 2014 (SCI-Expanded)
- XIV. **Analyses of Seismic Deformation at the Kibyra Roman Stadium, Southwest Turkey**  
KARABACAK V., Yonlu O., Doku E., KIYAK N. G., ALTUNEL E., ÖZÜDOĞRU Ş., YALÇINER C. Ç., Akyüz H. S.  
GEOARCHAEOLOGY-AN INTERNATIONAL JOURNAL, vol.28, no.6, pp.531-543, 2013 (SCI-Expanded)
- XV. **Evolution of the Golbasi basin and its implications for the long-term offset on the East Anatolian Fault Zone, Turkey**  
Yonlu O., ALTUNEL E., KARABACAK V., Akyüz H. S.

- JOURNAL OF GEODYNAMICS, vol.65, pp.272-281, 2013 (SCI-Expanded)
- XVI. **Evolution of the northern Dead Sea Fault Zone in southern Turkey**  
KARABACAK V., ALTUNEL E.  
JOURNAL OF GEODYNAMICS, vol.65, pp.282-291, 2013 (SCI-Expanded)
- XVII. **Application of GPR to normal faults in the Buyuk Menderes Graben, western Turkey**  
YALÇINER C. Ç., ALTUNEL E., Bano M., Meghraoui M., KARABACAK V., Akyüz H. S.  
JOURNAL OF GEODYNAMICS, vol.65, pp.218-227, 2013 (SCI-Expanded)
- XVIII. **The efficacy of travertine as a palaeoenvironmental indicator: palaeomagnetic study of neotectonic examples from Denizli, Turkey**  
MESCI B. L., TATAR O., Piper J. D. A., GÜRSOY H., ALTUNEL E., Crowley S.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, no.2, pp.191-203, 2013 (SCI-Expanded)
- XIX. **Paleoseismology of the North Anatolian Fault at Guzelkoy (Ganos segment, Turkey): Size and recurrence time of earthquake ruptures west of the Sea of Marmara**  
Meghraoui M., Aksoy M. E., Akyüz H. S., Ferry M., Dikbas A., ALTUNEL E.  
GEOCHEMISTRY GEOPHYSICS GEOSYSTEMS, vol.13, 2012 (SCI-Expanded)
- XX. **Microplate boundaries as obstacles to pre-earthquake strain transfer in Western Turkey: Inferences from continuous geochemical monitoring**  
İnan S., Pabuccu Z., Kulak F., Ergintav S., TATAR O., ALTUNEL E., Akyüz H. S., TAN O., Seyis C., Cakmak R., et al.  
JOURNAL OF ASIAN EARTH SCIENCES, vol.48, pp.56-71, 2012 (SCI-Expanded)
- XXI. **Paleoseismological investigations on a slow-moving active fault in central Anatolia, Tecer Fault, Sivas**  
Akyüz H. S., Uçarkuş G., ALTUNEL E., Dogan B., Dikbas A.  
ANNALS OF GEOPHYSICS, vol.55, no.5, pp.847-857, 2012 (SCI-Expanded)
- XXII. **Monitoring aseismic surface creep along the North Anatolian Fault (Turkey) using ground-based LIDAR**  
Karabacak V., ALTUNEL E., Cakir Z.  
Earth and Planetary Science Letters, vol.304, pp.64-70, 2011 (SCI-Expanded)
- XXIII. **Palaeoearthquakes on the Kelkit Valley Segment of the North Anatolian Fault, Turkey: Implications for the Surface Rupture of the Historical 17 August 1668 Anatolian Earthquake**  
Zabcı C., Akyüz H. S., KARABACAK V., Sancar T., ALTUNEL E., GÜRSOY H., TATAR O.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.20, no.4, pp.411-427, 2011 (SCI-Expanded)
- XXIV. **The North Anatolian Fault on the Hersek Peninsula, Turkey: Its Geometry and Implications for the 1999 Izmit Earthquake Rupture Propagation**  
Kozacı O., ALTUNEL E., Lindvall S., Brankman C., Lettis W.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.20, no.4, pp.359-381, 2011 (SCI-Expanded)
- XXV. **Rb-Sr systematics of fault gouges from the North Anatolian Fault Zone (Turkey)**  
Mutlu H., Uysal I. T., ALTUNEL E., KARABACAK V., Feng Y., Zhao J., Atalay O.  
JOURNAL OF STRUCTURAL GEOLOGY, vol.32, no.2, pp.216-221, 2010 (SCI-Expanded)
- XXVI. **Field evidences from northern Dead Sea Fault Zone (South Turkey): New findings for the initiation age and slip rate**  
Karabacak V., ALTUNEL E., Meghraoui M., Akyüz H. S.  
Tectonophysics, vol.480, pp.172-182, 2010 (SCI-Expanded)
- XXVII. **Ancient Earthquakes Preface**  
Sintubin M., Stewart I. S., Niemi T. M., ALTUNEL E.  
ANCIENT EARTHQUAKES, vol.471, 2010 (SCI-Expanded)
- XXVIII. **Bala (Ankara) Earthquakes: Implications for Shallow Crustal Deformation in Central Anatolian Section of the Anatolian Platelet (Turkey)**  
TAN O., Tapirdamaz M. C., Ergintav S., İnan S., Iravul Y., SAATÇILAR R., Tuzel B., Tarancıoğlu A., Karakisa S., Kartal R. F., et al.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.19, no.4, pp.449-471, 2010 (SCI-Expanded)
- XXIX. **Assessment of seismically induced damage using LIDAR: The ancient city of Pinara (SW Turkey) as a case study**

- Yerli B., Ten Veen J., Sintubin M., KARABACAK V., YALÇINER C. Ç., ALTUNEL E.  
ANCIENT EARTHQUAKES, vol.471, pp.157-170, 2010 (SCI-Expanded)
- XXX. **Offset archaeological relics in the western part of the Buyuk Menderes graben (western Turkey) and their tectonic implications**  
Yonlu O., ALTUNEL E., KARABACAK V., Akyüz H. S., YALÇINER C. Ç.  
ANCIENT EARTHQUAKES, vol.471, pp.269-279, 2010 (SCI-Expanded)
- XXXI. **Archaeological sites (Tell and Road) offset by the Dead Sea Fault in the Amik Basin, Southern Turkey**  
Altunel E., Meghraoui M., Karabacak V., Akyüz H. S., Ferry M., Yalcmer C., Munsch M.  
GEOPHYSICAL JOURNAL INTERNATIONAL, vol.179, no.3, pp.1313-1329, 2009 (SCI-Expanded)
- XXXII. **New temple discovery at the archaeological site of Nysa (western Turkey) using GPR method**  
YALÇINER C. Ç., Bano M., Kadioglu M., Karabacak V., Meghraoui M., ALTUNEL E.  
Journal of Archaeological Science, vol.36, no.8, pp.1680-1689, 2009 (SCI-Expanded)
- XXXIII. **Long-term evolution of the North Anatolian Fault: new constraints from its eastern termination**  
Hubert-Ferrari A., King G., van der Woerd J., Villa I., ALTUNEL E., Armijo R.  
COLLISION AND COLLAPSE AT THE AFRICA-ARABIA-EURASIA SUBDUCTION ZONE, vol.311, pp.133-154, 2009 (SCI-Expanded)
- XXXIV. **Earthquake Archaeology-Just a Good Story?**  
Sintubin M., Stewart I. S., Niemi T., ALTUNEL E.  
SEISMOLOGICAL RESEARCH LETTERS, vol.79, no.6, pp.767-768, 2008 (SCI-Expanded)
- XXXV. **Thematic set: Active tectonics and earthquake hazard of Western Anatolia - Preface**  
SÖZBİLİR H., Akyuez S., ALTUNEL E., GÜRSOY H.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.17, no.3, pp.543-544, 2008 (SCI-Expanded)
- XXXVI. **U-series dating and geochemical tracing of late Quaternary travertine in co-seismic fissures**  
Uysal I. T., Feng Y., Zhao J., ALTUNEL E., Weatherley D., Karabacak V., Cengiz O., Golding S. D., Lawrence M. G., Collerson K. D.  
Earth and Planetary Science Letters, vol.257, pp.450-462, 2007 (SCI-Expanded)
- XXXVII. **Historical earthquake activity of the northern part of the Dead Sea Fault Zone, southern Turkey**  
Akyüz H. S., ALTUNEL E., Karabacak V., YALÇINER C. Ç.  
Tectonophysics, vol.426, pp.281-293, 2006 (SCI-Expanded)
- XXXVIII. **Clay mineralogical and isotopic (K-Ar,  $\delta^{18}O$ ,  $\delta D$ ) constraints on the evolution of the North Anatolian Fault Zone, Turkey**  
Uysal I., Mutlu H., ALTUNEL E., Karabacak V., Golding S.  
Earth and Planetary Science Letters, vol.243, pp.181-194, 2006 (SCI-Expanded)
- XXXIX. **Determination of horizontal extension from fissure-ridge travertines: A case study from the denizli Basin, southwestern Turkey**  
ALTUNEL E., Karabacak V.  
Geodinamica Acta, vol.18, pp.333-342, 2005 (SCI-Expanded)
- XL. **Characteristics of the 1912 co-seismic rupture along the North Anatolian Fault Zone (Turkey): implications for the expected Marmara earthquake**  
ALTUNEL E., Meghraoui M., Akyüz H. S., Dikbas A.  
TERRA NOVA, vol.16, no.4, pp.198-204, 2004 (SCI-Expanded)
- XLI. **Paleoseismic evidence of characteristic slip on the western segment of the North Anatolian fault, Turkey**  
Klinger Y., Sieh K., ALTUNEL E., Akoglu A., Barka A., Dawson T., Gonzalez T., Meltzner A., Rockwell T.  
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.93, no.6, pp.2317-2332, 2003 (SCI-Expanded)
- XLII. **Earthquake faulting at ancient Cnidus, SW Turkey**  
ALTUNEL E., Stewart I. S., Barka A., Piccardi L.  
Turkish Journal of Earth Sciences, vol.12, no.1, pp.137-151, 2003 (SCI-Expanded)
- XLIII. **Timing of Late Holocene earthquakes on the Eastern Düzce Fault and implications for slip transfer between the Southern and Northern strands of the North Anatolian fault systems, Bolu, Turkey**

- Hitchcock C., ALTUNEL E., Barka A., Bachhuber J., Lettis W., Kozaci Ö., Helms J., Lindvall S.  
Turkish Journal of Earth Sciences, vol.12, no.1, pp.119-136, 2003 (SCI-Expanded)
- XLIV. **Surface rupture and slip distribution of the 12 November 1999 Duzce earthquake (M 7.1), North Anatolian fault, Bolu, Turkey**  
Akyüz H. S., Hartleb R., Barka A., ALTUNEL E., Sunal G., Meyer B., Armijo R.  
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.92, no.1, pp.61-66, 2002 (SCI-Expanded)
- XLV. **The surface rupture and slip distribution of the 17 August 1999 Izmit earthquake (M 7.4), North Anatolian fault**  
Barka A., Akyüz H. S., ALTUNEL E., Sunal G., Cakir Z., Dikbas A., Yerli B., Armijo R., Meyer B., de Chabaliér J., et al.  
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.92, no.1, pp.43-60, 2002 (SCI-Expanded)
- XLVI. **Surface rupture and slip distribution along the Karadere segment of the 17 August 1999 Izmit and the western section of the 12 November 1999 Duzce, Turkey, earthquakes**  
Hartleb R., Dolan J., Akyüz H. S., Dawson T., Tucker A., Yerli B., Rockwell T., Toraman E., Cakir Z., DİKBAŞ A., et al.  
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.92, no.1, pp.67-78, 2002 (SCI-Expanded)
- XLVII. **Geological and archaeological evidence for post-Roman earthquake surface faulting at Cibyra, SW Turkey**  
Akyüz H. S., ALTUNEL E.  
GEODINAMICA ACTA, vol.14, pp.95-101, 2001 (SCI-Expanded)
- XLVIII. **Creation and destruction of travertine monumental stone by earthquake faulting at Hierapolis, Turkey**  
Hancock P., Chalmers R., ALTUNEL E., Çakır Z., Becher-Hancock A.  
Geological Society Special Publication, vol.171, pp.1-14, 2000 (SCI-Expanded)
- XLIX. **Palaeoseismicity of the Dinar fault, SW Turkey**  
ALTUNEL E., Barka A., Akyuz S.  
TERRA NOVA, vol.11, no.6, pp.297-302, 1999 (SCI-Expanded)
- L. **Travitonics: using travertines in active fault studies**  
Hancock P., Chalmers R., ALTUNEL E., Cakir Z.  
JOURNAL OF STRUCTURAL GEOLOGY, vol.21, pp.903-916, 1999 (SCI-Expanded)
- LI. **Geological and geomorphological observations in relation to the 20 September 1899 Menderes earthquake, western Turkey**  
ALTUNEL E.  
JOURNAL OF THE GEOLOGICAL SOCIETY, vol.156, pp.241-246, 1999 (SCI-Expanded)
- LII. **Faulted archaeological relics at Hierapolis (Pamukkale), Turkey**  
Hancock P., ALTUNEL E.  
JOURNAL OF GEODYNAMICS, vol.24, pp.21-36, 1997 (SCI-Expanded)
- LIII. **Structural attributes of travertine-filled extensional fissures in the pamukkale plateau, western turkey**  
ALTUNEL E., Hancock P. L.  
International Geology Review, vol.38, no.8, pp.768-777, 1996 (SCI-Expanded)
- LIV. **MORPHOLOGY AND STRUCTURAL SETTING OF QUATERNARY TRAVERTINES AT PAMUKKALE, TURKEY**  
ALTUNEL E., HANCOCK P.  
GEOLOGICAL JOURNAL, vol.28, pp.335-346, 1993 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A preliminary report on the February 6, 2023 earthquakes in Türkiye**  
Erdik M. Ö., Demircioğlu M. B., Pınar A., Altunel E., Zülfikar A. C.  
Temblor, vol.1, no.1, pp.1-26, 2023 (Non Peer-Reviewed Journal)
- II. **Eski Eserlerdeki Yapısal Tahribatların Termal Görüntüleme ve Mikrodalga Nem Ölçümleri ile Belirlenmesi: Ayasofya Müzesi Örnek Çalışması**

YALÇINER C. Ç., GÜNDOĞDU E., KURBAN Y. C., ALTUNEL E.

Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.2, no.2, pp.34-47, 2017 (Peer-Reviewed Journal)

- III. **Holocene Activity of Kutahya Fault Zone**  
Altınok S., Karabacak V., Yalçiner C. Ç., Bilgen A. N., Altunel E., Kiyak N. G.  
TURKIYE JEOLoji BULTENI-GEOLOGICAL BULLETIN OF TURKEY, vol.55, pp.1-17, 2012 (ESCI)
- IV. **Dating and geochemical tracing of paleoseismic events**  
Uysal T., Zhao J., Golding S. D., Feng Y., Weatherley D., Altunel E., Mutlu H., Karabacak V.  
ASEG Extended Abstracts, vol.2006, no.1, 2006 (Peer-Reviewed Journal)
- V. **Hersek Deltası' nda paleosismolojik çalışmalar**  
Barka A. A., Kozacı Ö., Altunel E., Evren E., Lindwall S., Brankman C., Seitz G.  
Aktif Tektonik Araştırma Grubu Makaleler Kitabı, no.4, pp.16-26, 2001 (Conference Book)
- VI. **Adana çevresinin güncel tektoniği ve 1998 Adana depremi**  
Barka A. A., Akyüz H. S., Altunel E.  
Aktif Tektonik Araştırma Grubu Makaleler Kitabı, no.2, pp.20-31, 1999 (Conference Book)
- VII. **Pamukkale bölgesinde tektonik aktivitenin traverten morfolojisi üzerindeki rolü**  
Altunel E., Hancock P. L.  
Aktif Tektonik Araştırma Grubu Makaleler Kitabı, no.2, pp.167-173, 1999 (Conference Book)
- VIII. **Cıbyra depremi: Burdur-Fethiye Fay Zonu' nun sol yanal hareketine ait veriler**  
Akyüz H. S., Altunel E.  
Aktif Tektonik Araştırma Grubu Makaleler Kitabı, no.1, pp.161-170, 1998 (Conference Book)
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ALTUNEL E., Project Supported by Higher Education Institutions, Manyetik Yöntemle Fayların Araştırılması: Eskişehir Fayı Örneği, 2014 - 2015

ALTUNEL E., Project Supported by Higher Education Institutions, Destek Beldesi Civarında (Amasya- Taşova) Görülen Krip Hareketi' nin LIDAR ile İzlenmesi, 2014 - 2014

Altunel E., Akyüz S., TUBITAK Project, Kuzey Anadolu Fay Zonu (KAFZ) üzerinde Ilgaz (Çankırı) - Karlıova (Bingöl) arasındaki ötelenmiş morfolotektonik yapıların yaşlandırılması ile uzun dönem kayma hızının belirlenmesi, 2010 - 2012

Karabacak V., Altunel E., TUBITAK Project, Büyük Menderes Fay Zonu nun Arkeosismolojisi ve Paleosismolojisi, 2006 - 2009

ALTUNEL E., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Aktif Fay Zonları ve Doğal Afetler: Kuzey Anadolu Fay Zonu Üzerinde Kelkit Vadisi Boyunca Yer Alan Yerleşim Alanlarının Doğal Afet Risk Analizi ve Afet Bilgi Sisteminin Oluşturulması, 2006 - 2009

Altunel E., Efe T., TUBITAK Project, Keçiçayırı Kurtarma Kazısı, 2006 - 2008

Karabacak V., Altunel E., TUBITAK Project, Ölü Deniz Fay Zonu nun Amik Ovası Kuzeyinde Kuvaterner Aktivitesi, 2006 - 2007

Karabacak V., Altunel E., TUBITAK Project, Ölü Deniz Fay Zonu Tarafından Ötelenmiş Doğal ve İnsan Yapımı Yapıların İncelenmesi, 2005 - 2006

Altunel E., FP4 Project, Archaeoseismology and paleoseismology for preserving cultural sites in the Middle East, 2003 - 2006

Karabacak V., Altunel E., TUBITAK Project, İhlara Vadisi Civarındaki Traverten Oluşumları ve Tektonik Önemleri, 2002 - 2003

Altunel E., TUBITAK Project, 17 Ağustos ve 12 Kasım 1999 depremleri sonrası deformasyonun incelenmesi, 2001 - 2003

Altunel E., TUBITAK Project, Gediz ve Küçük Menderes Grabenlerindeki Antik Kentlerde Tarihsel Deprem Hasarlarının Araştırılması ve Değerlendirilmesi, 1999 - 2001

Altunel E., TUBITAK Project, Dinar Fayının Paleosismisitesi, 1998 - 1999

Altunel E., TUBITAK Project, Büyük Menderes grabeninde tarihsel devirlerde meydana gelen büyük depremlere ait yüzey kırıklarının belirlenmesi ve değerlendirilmesi, 1996 - 1999

Altunel E., Project Supported by Higher Education Institutions, Eskişehir Fay Zonunun Depremsellik Aktivitesi Bu Zon Üzerinde Meydan Gelen Depremlere Ait Yüzey Kırıklarının Belirlenmesi ve Değerlendirilmesi, 1996 - 1998

## Metrics

Publication: 161

Citation (WoS): 1969

Citation (Scopus): 2454

H-Index (WoS): 23

H-Index (Scopus): 26

## **Congress and Symposium Activities**

ATAG 22 Toplantısı, Invited Speaker, Çanakkale, Turkey, 2018

Interdisciplinary meeting on climate change and seismic hazards during the Holocene in the mediterranean, Invited Speaker, Aix-En-Provence, France, 2014

1st International Symposium on Travertine, Invited Speaker, Denizli, Turkey, 2005

CIESM, Invited Speaker, Athens, Greece, 2003

## **Awards**

Altunel E., Eşik Üstü Ödülü for QUAKE N TIME, Tübitak, June 2016

Altunel E., Eşik Üstü Ödülü/Active Tectonics And Large Earthquakes In The Mediterranean, Tübitak, June 2015

Altunel E., Altın Çekiç Ödülü, Jeoloji Mühendisleri Odası, May 2001

Altunel E., Üstün Başarı Ödülü, İhsan Doğramacı Vakfı, June 1987

## **Non Academic Experience**

TÜBİTAK-MAM

TÜBİTAK

Hacettepe Üniversitesi