

Prof. ERHAN ALTUNEL

Personal Information

Email: ealtunel@ogu.edu.tr

Web: <https://avesis.ogu.edu.tr/ealtunel>

International Researcher IDs

ScholarID: Rbdy88wAAAAJ

ORCID: 0000-0002-1926-6410

Publons / Web Of Science ResearcherID: AAG-5730-2019

ScopusID: 57204373418

Yoksis Researcher ID: 2501

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, JEOLojİ MÜHENDİSLİĞİ BÖLÜMÜ, 2005 - Continues

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

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

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

Courses

Postgraduate

Neotektonik, Postgraduate, 2020 - 2021

Undergraduate

Arkeojeoloji, Undergraduate, 2019 - 2020

Türkiye Jeolojisi, Undergraduate, 2019 - 2020

Deprem Jeolojisi Araştırmaları, Undergraduate, 2020 - 2021

Global Tektonik, Undergraduate, 2020 - 2021

Deprem Jeolojisi, Undergraduate, 2020 - 2021

Supervised 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., İravul 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, $\delta^{18}O$, δD) 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 Chabaliar 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., Kıyak N. G.
TURKIYE JEOLOJİ BULTENİ-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)
- IX. **Eskişehir fay zonunun neotektonik aktivitesi**
Altunel E., Barka A.
TJK Bülteni, vol.41, pp.41-52, 1998 (Peer-Reviewed Journal)
- X. **Evidence for damaging historical earthquakes at Priene, western Turkey**
Altunel E.
Turkish Journal of Earth Science, vol.7, pp.25-35, 1998 (Peer-Reviewed Journal)
- XI. **Pamukkale (Hierapolis) 'de arkeologlar tarafından yanlış yorumlanan jeolojik yapılar: kendiliğinden oluşan kanal travertenler ve sırt tipi travertenler**
Altunel E.
Jeoloji Mühendisliği, vol.49, pp.35-40, 1997 (Peer-Reviewed Journal)
- XII. **Evaluation of archaeoseismic damages at Hierapolis**
Altunel E., Barka A.
Geological Bulletin of Turkey, vol.39, no.2, pp.65-74, 1996 (Scopus)
- XIII. **Pamukkale Travertenlerinin morfolojik özellikleri, yaşları ve neotektonik önemleri**
Altunel E.
MTA Dergisi, vol.118, pp.47-64, 1996 (Peer-Reviewed Journal)
- XIV. **Pamukkale travertenleri kaç yaşında**
Altunel E., Hancock P. L.
TÜBİTAK Bilim Teknik, vol.26, pp.496-497, 1993 (Non Peer-Reviewed Journal)
- XV. **Active fissuring and faulting in Quaternary travertines at Pamukkale, western Turkey**
Altunel E., Hancock P.
Zeitschrift für Geomorphologie, Supplementband, vol.94, pp.285-302, 1993 (Scopus)

Books

- I. **Kültürel Jeoloji: Jeoloji'nin İnsanoğlu'nun Yaşamı Üzerindeki Etkileri**
Altunel E.

in: Kuvaterner Bilimi, Kazancı N, Gürbüz A, Editor, Ankara Üniversitesi, Ankara, pp.195-214, 2012

II. Hierapolis: Emsalsiz Tarihsel ve Doğal Abide

Altunel E.

in: Türkiye' de Risk Altındaki Doğal ve Kültürel Miras, H Sezgin, Editor, TAÇ Vakfı, İstanbul, pp.57-65, 2001

III. The August 17, 1999 Izmit earthquake, M=7.4, Eastern Marmara region, Turkey: study of surface rupture and slip distribution

Barka A., Akyüz S., Altunel E.

in: The 1999 Izmit and Düzce Earthquakes: preliminary results , Barka A, Kozacı Ö, Altunel E, Akyüz S, Editor, İTÜ Yayınları, İstanbul, pp.15-30, 2000

IV. Creation and destruction of travertine monumental stone by earthquake faulting at Hierapolis, Turkey

Hancock P. L., Chalmers R., Altunel E.

in: The Archaeology of Geological Catastrophes , W.J. McGuire, D.R. Griffiths, P.L. Hancock and I.S. Stewart, Editor, The Geological Society , London, pp.1-14, 2000

V. Slip distribution along the 1912 Mürefte-Şarköy earthquake, the North Anatolian Fault, Western Marmara

Altunel E., Barka A., Akyüz S.

in: The 1999 Izmit and Düzce Earthquakes: preliminary results , Barka A, Kozacı Ö, Akyüz S, Altunel E, Editor, İTÜ Yayınları, İstanbul, pp.341-349, 2000

VI. Field observations and slip distribution of the November 12, 1999 Düzce earthquake (M=7.1), Bolu-Turkey

Akyüz S., Altunel E., Barka A.

in: The 1999 Izmit and Düzce Earthquakes: preliminary results , Barka A, Kozacı Ö, Akyüz S, Altunel E, Editor, İTÜ Yayınları, İstanbul, pp.63-70, 2000

VII. L'Attività Sismica A Hierapolis E Nello Zone Limitrofe

Altunel E.

in: Ricerche Archeologiche Turche Nella Valle Del Lykos, F. D'Andria, F. Silvestrelli, Editor, Lecce Üni., Lecce, pp.299-325, 2000

Papers Published in Refereed Scientific Meetings

I. Antik Kentler: Büyük depremleri kayıt altına alan tarihsel sismometreler

ALTUNEL E.

ATAG 22 Toplantısı, Turkey, 1 - 03 November 2018

II. Kaunos'un Bulunduğu Bölgenin Depremselliğinin Anlaşılması Açısından Antik Kentin Önemi

ALTUNEL E., IŞIK M. C., kurban y. c., kart e., ÇÖRTÜK U., belce e.

Aktif Tektonik Araştırma Grubu 22. Çalıştayı, Çanakkale, Turkey, 1 - 03 November 2018, pp.27

III. Comparison of Surface Morphology Determined with Terrestrial LIDAR Method and Underground Geometry Determined with GPR: Kamara (Denizli/Turkey) Fissure Ridge-type Travertine

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

”, International Symposium on GIS Applications in Geography and Geosciences (ISGGG), 18 - 21 October 2017, pp.111-121

IV. Archaeoseismology: Studying past earthquakes using archaeological data

Niemi T., Sintubin M., ALTUNEL E., Stewart I.

8th International INQUA meeting on Paleoseismology, Active Tectonics and Archaeoseismology, 13 - 16 November 2017

V. Eski eserlerde kideformasyonların yapı radarı, termal görüntüleme ve mikrodalga nem ölçümleri ile belirlenmesi: Ayasofya örneği

YALÇINER C. Ç., Kurban Y., GÜNDOĞDU E., ÖZDEN S., ALTUNEL E.

Aktif Tektonik Araştırma Grubu Toplantısı, Turkey, 26 - 28 October 2017

- VI. **Mevcut Paleosismolojik veriler ışığında Kuzey Anadolu Fay Zonu'xnxnun dünü ve bugünü**
ALTUNEL E., Zabci C., AKYÜZ H. S.
4. Ulusal Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017
- VII. **Analysis of past earthquakes along the North Anatolian Fault in the Marmara Region (Turkey): Implications for the spatial distribution for surface ruptures in the last 1000 years**
Zabci C., ALTUNEL E., AKYÜZ H. S.
EGU, 17 - 22 April 2016
- VIII. **Kuzey Anadolu Fay Zonu Gerede Bayramören Segmenti Üzerinde Gerçekleşen Krip Hareketinin Yersel Lidar ile İzlenmesi**
Altınok Erayık S., ALTUNEL E., Tunçel E., YALÇINER C. Ç.
69. TJK, Ankara, Turkey, 11 - 15 April 2016, vol.69, pp.24-25
- IX. **Monitoring Creep Movement with Terrestrial LIDAR on the Gerede Bayramören Segment of the North Anatolian Fault Zone Turkey**
Altınok Erayık S., ALTUNEL E., Tunçel E., YALÇINER C. Ç.
EGU General Assembly, Viyana, Austria, 7 - 10 April 2016, vol.18, pp.4165
- X. **Continuously monitoring creep movement at İsmetpaşa Segment of the North Anatolian Fault Zone**
Altınok S., Tunçel E., Altunel E., Karabacak V., Yalçiner C. Ç.
World Multidisciplinary Earth Sciences Symposium - WMESS 2015, Praha, Czech Republic, 7 - 11 September 2015, pp.2
- XI. **Monitoring aseismic creep along the Gerede segment of the North Anatolian Fault Zone Turkey Using Ground Based LIDAR**
Altunel E., Altınok S., Karabacak V., Yalçiner C. Ç.
XIX. INQUA (19. International Kuaternary Assosiation), Nagoya, Japan, 26 July - 02 August 2015
- XII. **Investigation of Sultana and Sultan Hamam walls at Topkapi Palace with non-destructive GPR-CX method**
YALÇINER C. Ç., Kurban Y., ALTUNEL E., Buyuksarac A., Topcu M., Belce E.
8th Congress of the Balkan Geophysical Society, BGS 2015, Chania, Greece, 5 - 08 October 2015
- XIII. **Investigation of disturbance on gallery floor of Hagia Sophia Museum with GPR method**
Kurban Y., YALÇINER C. Ç., ALTUNEL E., Buyuksarac A., Topcu M., Belce E.
8th Congress of the Balkan Geophysical Society, BGS 2015, Chania, Greece, 5 - 08 October 2015
- XIV. **Holocene paleoseismic history of the main fault zones in Turkey based on up to date studies**
ALTUNEL E.
Interdisciplinary meeting on climate change and seismic hazards during the Holocene in the mediterranean, 7 - 08 July 2014
- XV. **ARCHAEOSEISMOLOGY: OVER 100 YEARS OF STUDYING EARTHQUAKES AT ARCHAEOLOGICAL SITES**
Niemi T., Sintubin M., ALTUNEL E., Stewart I.
GSA Annual Meeting, 27 October - 30 December 2013
- XVI. **Initiation of the northern Dead Sea Fault Zone to the present location in southern Turkey**
ALTUNEL E., KARABACAK V.
EGU, 8 - 13 April 2013
- XVII. **Determining the Evolution of Fissure-ridge Travertine with GPR Method - A Case Study in Pamukkale, Western Turkey**
Yalçiner C., Altunel E., Kurban Y., Topçu M., Büyüksaraç A.
7th Congress of the Balkan Geophysical Society, 7 - 10 October 2013
- XVIII. **Onland slip distribution of the 9 August 1912 Earthquake.**
ALTUNEL E., Barka A., AKYÜZ H. S., Meghraoui M., Akyüz Dikbaş A.
Paleoseismology Along the North Anatolian Fault, Turkey, 8 - 10 October 2012
- XIX. **the North Anatolian Fault in Hersek Peninsula, İzmit Bay, Turkey**
Kozacı Ö., ALTUNEL E., Clahan K., Şimşek O.
Paleoseismology Along the North Anatolian Fault, Turkey, 8 - 10 October 2012
- XX. **Paleoseismological slip rate on the East Anatolian fault zone around Türkoğlu**

Yönlü Ö., KARABACAK V., ALTUNEL E., AKYÜZ H. S.

IESCA, 1 - 05 October 2012

- XXI. **Evolution of the Gölbaşı basin and its implications for the long-term offset on the East Anatolian Fault Zone, Turkey**
Yönlü Ö., KARABACAK V., ALTUNEL E., AKYÜZ H. S.
IESCA, 1 - 08 October 2012
- XXII. **Hersek Burnu'nda (İzmit Körfezi) Kuzey Anadolu Fayı'nın Geç-Holosen Özelliklerinin Arkeosismolojik Verilerle Belirlenmesi.**
ALTUNEL E., Kozacı Ö., Clahan K., Şimşek O.
ATAG 15 Toplantısı, Turkey, 19 - 22 October 2011
- XXIII. **Avrupa'yı Yaratan Uygarlık: Anadolu**
ALTUNEL E., IŞIK F.
ATAG 15 Toplantısı, Turkey, 19 October - 22 November 2011
- XXIV. **Tecer Fayı'nın Holosen Aktivitesi, Sivas**
AKYÜZ H. S., ALTUNEL E., UÇARKUŞ G.
ATAG 15 Toplantısı, Turkey, 19 - 22 October 2011
- XXV. **Doğu Anadolu Fay Zonu güneybatı uzanımının paleosismolojisi ve ilk kayma hızı bulguları**
Karabacak V., Yönlü Ö., Altunel E., Yalçiner C. Ç., Akyüz H. S., Kıyak N. G.
ATAG-15 (Aktif Tektonik Araştırma Grubu 15. Çalıştayı) , Adana, Turkey, 1 - 05 October 2011, pp.1
- XXVI. **Archeoseismologically Determined Late-Holocene Fault Rupture Characteristics of the North Anatolian Fault, Hersek Peninsula, Izmit Bay, Turkey,**
Kozacı Ö., ALTUNEL E., Clahan K.
SSA Annual Meeting, 13 - 15 April 2011
- XXVII. **Field observations for Holocene earthquake activity on the Gölbaşı-Türkoğlu segment of the East Anatolian Fault Zone, Turkey.**
ALTUNEL E., KARABACAK V., Yönlü Ö., Meghraoui M., AKYÜZ H. S., Günç Kıyak N.
EGU, 3 - 08 April 2011
- XXVIII. **Identification of buried normal faults with GPR: a case study in the Büyük Menderes Graben, Western Turkey**
Yalçiner C. Ç., Altunel E., Bano M., Meghraoui M., Karabacak V., Akyüz H. S.
EGU, Vienna, Austria, 3 - 08 April 2011
- XXIX. **Monitoring aseismic surface creep along the North Anatolian Fault (Turkey) using ground-based LIDAR**
ALTUNEL E., KARABACAK V., ÇAKIR Z.
EGU, 3 - 08 April 2011
- XXX. **A Late Holocene slip rate from North Anatolian Fault on Hersek Peninsula in İzmit Bay, Turkey**
Kozacı Ö., ALTUNEL E., Clahan K., Yönlü Ö., Sunderman S., Lettis W.
GSA Tectonic Crossroads: Evolving Orogens of Eurasia-Africa-Arabia, 4 - 08 October 2010
- XXXI. **Seismicity, palaeoseismicity and archaeoseismicity of the Mediterranean region.**
ALTUNEL E., Meghraoui M.
GSA Tectonic Crossroads: Evolving Orogens of Eurasia-Africa-Arabia, 4 - 08 October 2010
- XXXII. **Paleoseismicity of the eastern part of the Büyük Menderes Fault Zone, Western Turkey.**
Yönlü Ö., KARABACAK V., ALTUNEL E., AKYÜZ H. S., Altınok S., Günç Kıyak N.
EGU, 19 - 24 April 2009
- XXXIII. **Büyük Menderes Fay Zonu'nun son 2000 yıllık deprem aktivitesi**
ALTUNEL E., KARABACAK V., AKYÜZ H. S., YALÇINER C. Ç., Yönlü Ö., Günç Kıyak N., Meghraoui M., KADIOĞLU M.
62. TJK, Turkey, 13 - 17 April 2009
- XXXIV. **Doğu Anadolu fayı boyunca deprem kırıkları: Fay segmentasyonu ve olabilecek büyük depremlerin potansiyel yerleri**
Meghraoui M., ALTUNEL E.
62. TJK, Turkey, 13 - 17 April 2009

- XXXV. **Offset archeological relics on the western part of the Büyük Menderes Graben and their tectonic implications.**
Yönlü Ö., ALTUNEL E., KARABACAK V., AKYÜZ H. S., YALÇINER C. Ç.
62. TJK, Turkey, 13 - 17 April 2009
- XXXVI. **Paleoseismological activity of northern part of the Dead Sea Fault Zone.**
Yönlü Ö., Meghraoui M., ALTUNEL E., Ferry M., YALÇINER C. Ç., KARABACAK V.
62. TJK, Turkey, 13 - 17 April 2009
- XXXVII. **Quantitative assessment of seismically induced damage using LIDAR: A case study at the archaeological site of Pinara (SW Turkey)**
Yerli B., Veen T., Sintubin M., Karabacak V., Yalçiner C. Ç., Altunel E.
European Seismological Commission ESC 2008, 31st General Assembly, Athens, Greece, 7 - 12 September 2008, pp.2
- XXXVIII. **Implications of Offset Archeological Relics on Western Part of the Büyük Menderes Graben, Western Turkey**
Yönlü Ö., ALTUNEL E., KARABACAK V., YALÇINER C. Ç., AKYÜZ H. S., Günç Kıyak N.
ESC, 7 - 12 September 2008
- XXXIX. **Field evidence for the initiation age and Quaternary activity of the northern Dead Sea Fault (Southern Turkey)**
Karabacak V., Altunel E., Akyüz H. S., Meghraoui M.
European Seismological Commission ESC 2008, 31st General Assembly, Athens, Greece, 7 - 12 September 2008, pp.1
- XL. **Faulted Roman Structures in the Büyük Menderes Graben (Western Turkey) and their Tectonic Implications.**
ALTUNEL E., YALÇINER C. Ç., AKYÜZ H. S., KARABACAK V., Yönlü Ö., Kıyak N. G., Meghraoui M., Kadioğlu M.
ESC, 7 - 12 September 2008
- XLI. **Ground-penetrating radar investigation of the Nysa (W Turkey) archaeological site - Preliminary results**
YALÇINER C. Ç., Bano M., ALTUNEL E., KADIOĞLU M.
13th European Meeting of Environmental and Engineering Geophysics of the Near Surface Geoscience Division of EAGE, Near Surface 2007, İstanbul, Turkey, 3 - 05 September 2007
- XLII. **Faulted Tell and ancient road by the Dead Sea Transform in southern Turkey**
ALTUNEL E., Meghraoui M., AKYÜZ H. S., KARABACAK V., Bertrand S., YALÇINER C. Ç., Ferry M., Munschy M.
AGU, 11 - 15 December 2006
- XLIII. **Aktif Tektonik Çalışmalarında Arkeolojinin Önemi**
ALTUNEL E., AKYÜZ H. S., Meghraoui M., KARABACAK V., YALÇINER C. Ç.
Jeoarkeoloji ve Arkeojeofizik Sempozyumu, Turkey, 23 - 25 November 2005
- XLIV. **Archaeological evidence for large historical earthquakes on the northern part of the Dead Sea Fault Zone, southern Turkey**
ALTUNEL E., Meghraoui M., AKYÜZ H. S., KARABACAK V., YALÇINER C. Ç., Bertrand S.
International Workshop on the Impact of Natural Catastrophes on Ancient Mediterranean Civilizations, 28 - 30 October 2005
- XLV. **Faulted archaeological man-made structures by the Dead Sea Fault zone in southern Turkey**
ALTUNEL E., Meghraoui M., AKYÜZ H. S., YALÇINER C. Ç., KARABACAK V., Bertrand S., Munschy M., Ferry M.
EGU, 24 - 29 April 2005
- XLVI. **Travertines: Neotectonic indicators.**
ALTUNEL E.
1st International Symposium on Travertine, 21 September - 25 April 2005
- XLVII. **Preliminary results of paleoseismological investigations on the northern part of the Dead Sea Fault Zone, southern Turkey**
AKYÜZ H. S., ALTUNEL E.
32. IGC, 20 - 28 August 2004

- XLVIII. Impacts of historical seismicity on major ancient coastal cities in southwestern Turkey**
ALTUNEL E.
CIESM Workshop, 22 - 25 October 2003
- XLIX. Morphotectonic analysis of the Ganos Fault segments of 1912 earthquake: Contribution of remote sensing data**
ÇAKIR Z., Meghraoui M., Akyüz Dikbaş A., AKYÜZ H. S., ALTUNEL E.
International Workshop on NAF, EAF, DSF systems, 3 - 05 September 2003
- L. The 1912 earthquake rupture along the North Anatolian Fault system: Slip distribution and segmentation**
ALTUNEL E., Meghraoui M., AKYÜZ H. S.
International Workshop on NAF, EAF, DSF systems, 3 - 05 September 2003
- LI. Faulted Tells on the Northern Part of the Dead Sea Fault Zone, Turkey**
ALTUNEL E., AKYÜZ H. S., KARABACAK V., YALÇINER C. Ç., Devrim A., Akyüz U.
32. IGC, 20 - 28 August 2004
- LII. Coastal deformation occurred during the August 17,1999 Izmit earthquake**
Barka A., Lettis W., Altunel E.
NATO Advanced Research Workshop on Underwater Ground Failures on Tsunami Generation, Modeling, Risk and Mitigation, İstanbul, Turkey, 23 - 26 May 2001, vol.21, pp.171-174
- LIII. Dinar fayı üzerinde meydana gelen büyük depremlere ait arkeolojik, tarihsel ve jeolojik veriler arasındaki uyumluluk**
ALTUNEL E., AKYÜZ H. S., Barka A.
ATAG 6 Toplantısı, Turkey, 21 - 22 November 2002
- LIV. Earthquake Rupture at Ancient Cnidus**
ALTUNEL E., Stewart I., Barka A.
Environmental Catastrophes and Recoveries in Holocene, 28 August - 02 September 2002
- LV. Compatible and incompatible archaeological, historical and geological evidence for the large historical earthquakes on the Dinar Fault, western Turkey**
ALTUNEL E., Barka A., AKYÜZ H. S.
Environmental Catastrophes and Recoveries in Holocene, 28 August - 02 September 2002
- LVI. Impacts of large historical earthquakes on ancient cities in the Büyük Menderes and Gediz grabens, Western Turkey**
ALTUNEL E., Barka A., AKYÜZ H. S.
AGU, 10 - 14 December 2001
- LVII. Hierapolis arkeosismoloji parkı.**
ALTUNEL E., DAndria F.
ATAG 5 Toplantısı, Turkey, 15 - 16 November 2001
- LVIII. Coastal deformation occurred during the August 17, 1999 İzmit earthquake**
Barka A., Lettis W., ALTUNEL E.
NATO Advanced Research Workshop, 23 - 26 May 2001
- LIX. Seismic activity and fault segmentation of the NAF in the Bolu Mountains: Relationship between the November 12, 1999 and the February 1, 1944 earthquakes**
Barka A., ALTUNEL E., AKYÜZ H. S., ÇAKIR Z., Kozacı Ö., Lettis W., Bachuber J., Hitchcock C., Helms J.
EGU XI, 8 - 12 April 2001
- LX. What goes on at the eastern termination of the November 12, 1999 Düzce earthquake, M=7.2, North Anatolian Fault, Turkey**
ALTUNEL E., Barka A., ÇAKIR Z., Kozacı Ö., Hitchcock C., Helms J., Bachuber J., Lettis W.
AGU, 15 - 19 December 2000
- LXI. Using travertines in active fault studies**
ALTUNEL E.
International Workshop on Active Tectonics of Turkey, 15 - 16 June 2000
- LXII. Slip distribution along the 1912 Mürefte-Şarköy Earthquake, North Anatolian Fault, Western**

Marmara

ALTUNEL E., Barka A., AKYÜZ H. S.
AGU, 13 - 17 December 1999

- LXIII. **Dinar fayının 1 Ekim 1995 depremi öncesi aktivitesi.**
ALTUNEL E., Barka A., AKYÜZ H. S.
ATAG 3 Toplantısı, Turkey, 4 - 05 November 1999
- LXIV. **1912 Mürefte-Şarköy depreminin yüzey kırığı üzerinde atım dağılımı**
ALTUNEL E., Barka A., AKYÜZ H. S.
ATAG 3 Toplantısı, Turkey, 4 - 05 November 1999
- LXV. **Tektonik aktivite tarafından kontrol edilen traverten ve tufa morfolojileri: koni ve sırt şeklindeki depositler.**
ALTUNEL E., Hancock P.
ATAG 2 Toplantısı, Turkey, 10 - 11 December 1998
- LXVI. **417 Cibyra depremi (Göhlisar-Burdur)**
AKYÜZ H. S., ALTUNEL E.
ATAG 1 Toplantısı, Turkey, 8 - 09 December 1997
- LXVII. **Eskişehir Fay Zonunun Neotektonik Aktivitesi**
ALTUNEL E., Barka A.
ATAG 1 Toplantısı, Turkey, 8 - 09 December 1997
- LXVIII. **Priene antik kentinde (batı Türkiye) yıkıcı tarihsel depremlere ait belirtiler**
ALTUNEL E.
ATAG-1 Toplantısı, Turkey, 8 - 09 December 1997
- LXIX. **Creation and destruction of travertine monumental stone by earthquake faulting at Hierapolis, Turkey**
Hancock P., Chalmers R., ALTUNEL E., ÇAKIR Z.
Volcanoes, Earthquakes and Archaeology, 28 - 29 April 1997
- LXX. **Formation of fissure-ridge travertines and their neotectonic significance**
ALTUNEL E., Hancock P., Smart P.
IESCA, 9 - 14 October 1995
- LXXI. **Characteristics of extensional travertine fissures in western Turkey**
ALTUNEL E., Hancock P.
Second Turkish Geology Workshop, 6 - 08 September 1995
- LXXII. **Faulted archaeological relics at Hierapolis, Turkey**
Hancock P., ALTUNEL E.
INQUA, 3 - 10 August 1995
- LXXIII. **Quaternary travertines as expressions of active faulting**
Hancock P., ALTUNEL E., Stewart I.
INQUA, 3 - 10 August 1995
- LXXIV. **Pollution of the Pamukkale travertines as a consequence of urbanization: what future for a unique natural Turkish monument**
ALTUNEL E., Hancock P.
47. TJK, Turkey, 21 - 25 February 1994
- LXXV. **Archaeoseismic evidence for active faulting at Hierapolis**
Hancock P., ALTUNEL E.
47. TJK, Turkey, 21 - 25 February 1994
- LXXVI. **Morphological attributes of Pamukkale travertines and their relationship to active tectonic stretching**
ALTUNEL E., Hancock P., Smart P.
47. TJK, Turkey, 21 - 25 February 1994
- LXXVII. **Active faulting and travertine deposition at Pamukkale in western Turkey**
ALTUNEL E., Hancock P.
Neotectonics Meeting, 16 - 17 June 1992

LXXVIII. Active fissuring, faulting and travertine deposition at Pamukkale in western Turkey

ALTUNEL E., Hancock P.

Tectonic Studies Group, 10 - 12 October 1991

Supported Projects

ALTUNEL E., Project Supported by Higher Education Institutions, Kuzey Anadolu Fay Zonu Üzerinde İsmetpaşa' da Meydana Gelen Yüzey Kripinin LIDAR ile İzlenmesi ve Etki Uzunluğunun Belirlenmesi, 2016 - 2019

ALTUNEL E., Project Supported by Higher Education Institutions, İsmetpaşa segmentinde görülen yüzey kripinin LİDAR ile izlenmesi, 2014 - 2017

ALTUNEL E., Project Supported by Other Private Institutions, Elektromanyetik İletkenlik Ölçme Cihazı, 2014 - 2016

ALTUNEL E., Project Supported by Higher Education Institutions, İsmetpaşa Segmenti'nde Görülen Yüzey Kripinin LIDAR ile İzlenmesi, 2014 - 2016

Karabacak V., Altunel E., Premiership, Eskişehir Fay Zonu nun paleosismolojisi, 2013 - 2016

ALTUNEL E., TUBITAK Project, Kuzey Anadolu Fay Zonu Üzerinde İsmetpaşa ve Destek Meydana Gelen Yüzey Kripinin Lidar ile İzlenmesi ve Etki Uzunluğunun Belirlenmesi, 2012 - 2016

ALTUNEL E., Project Supported by Higher Education Institutions, MANYETİK YÖNTEMLE FAYLARIN ARAŞTIRILMASI ESKİŞEHİR FAYI ÖRNEĞİ, 2014 - 2015

ALTUNEL E., Project Supported by Higher Education Institutions, Destek Beldesi Civarında Amasya Taşova Görülen Krip Hareketi nin LIDAR ile İzlenmesi, 2014 - 2015

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 morfotektonik 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, Ihlara 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): 2508

H-Index (WoS): 23

H-Index (Scopus): 28

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, DANIŞMAN

TÜBİTAK, ÇAYDAG DANIŞMA KURULU ÜYESİ

Hacettepe Üniversitesi, Araş. Gör.