

# Prof. CAHİT AĐLAR YALÇINER

## Personal Information

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## Education Information

Doctorate, Universit  Strasbourg I, Institut De Physique Du Globe, Geophysics, France 2005 - 2009

Doctorate, Eskisehir Osmangazi University, Fen Bilimleri Enstit s , Jeoloji M hendisliĐi, Turkey 2004 - 2009

Post Graduate, Eskisehir Osmangazi University, Fen Bilimleri Enstit s , Jeoloji M hendisliĐi, Turkey 2001 - 2004

Under Graduate, Istanbul Technical University, Maden Fak ltesi, Jeofizik M hendisliĐi, Turkey 1995 - 1999

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, G m l  Yapıların Yeraltı Radarı (GPR) Y ntemi ile Arařtırılması: B y k Menderes grabeni'nde Paleosismolojik ve Arkeosismolojik Uygulamalar , Eskisehir Osmangazi University, Fen Bilimleri Enstit s , Jeoloji M hendisliĐi, 2009

Doctorate, Investigation of buried objects with Ground Penetrating Radar: Application to archaeoseismology and palaeoseismology in the Buyuk Menderes Graben (Turkey) , Universit  Strasbourg I, Institut De Physique Du Globe, Geophysics, 2009

Post Graduate,  rt l  Aktif Fayların VLF-EM Y ntemi ile Belirlenmesi , Eskisehir Osmangazi University, Fen Bilimleri Enstit s , Jeoloji M hendisliĐi, 2004

## Research Areas

Geophysical Engineering, Applied Geophysics, Archeo-geophysical, Electro Magnetic and Electrical Methods, Geological Engineering, General Geology, Surficial Geology (geomorphology, quaternary geology, soils), Applied Geology, Engineering Geology foundations, earthquakes, dams, reservoirs, Engineering and Technology

## Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, an Myo, Maden Teknolojileri, 2020 - Continues

Associate Professor, Canakkale Onsekiz Mart University, an Meslek Y ksekokulu, Madencilik Ve Maden ıkarma B l m , 2014 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, an Meslek Y ksekokulu, Madencilik Ve Maden ıkarma B l m , 2009 - Continues

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 (Journal Indexed in SCI Expanded)
- II. **Non-destructive damage analysis in Kariye (Chora) Museum as a cultural heritage building**  
YALÇINER C. Ç. , BÜYÜKSARAÇ A., Kurban Y. C.  
JOURNAL OF APPLIED GEOPHYSICS, vol.171, 2019 (Journal Indexed in SCI)
- III. **Coordinated application of structural strengthening injections with GPR method for restoration of historical artifacts: example study of Bodrum castle**  
YALÇINER C. Ç.  
JOURNAL OF GEOPHYSICS AND ENGINEERING, vol.16, no.2, pp.325-331, 2019 (Journal Indexed in SCI)
- IV. **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., Yalciner C. Ç.  
TECTONOPHYSICS, vol.738, pp.92-111, 2018 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **Hydrothermal fluids circulation and travertine deposition in an active tectonic setting: Insights from the Kamara geothermal area (western Anatolia, Turkey)**  
brogi A., alçiçek M. C. , YALÇINER C. Ç. , capezzuoli E., liotta D., meccheri M., rimondi V., ruggieri G., gandin A., boschi C., et al.  
TECTONOPHYSICS, vol.680, pp.211-232, 2016 (Journal Indexed in SCI)
- VII. **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., Ozudogru S., YALÇINER C. Ç. , Akyüz H. S.  
GEOARCHAEOLOGY-AN INTERNATIONAL JOURNAL, vol.29, no.4, pp.353-356, 2014 (Journal Indexed in SCI)
- VIII. **Geophysical investigations at Agadere Cemetery, Gallipoli Peninsular, NW Turkey**  
Büyüksaraç A., YALÇINER C. Ç. , Ekinci Y. L. , Demirci A., Yücel M. A.  
AUSTRALIAN JOURNAL OF FORENSIC SCIENCES, vol.46, no.1, pp.111-123, 2014 (Journal Indexed in SCI)
- IX. **Analyses of Seismic Deformation at the Kibyra Roman Stadium, Southwest Turkey**  
Karabacak V., Yonlu O., Doku E., Kiyak N. G. , Altunel E., Ozudogru S., YALÇINER C. Ç. , Akyüz H. S.  
GEOARCHAEOLOGY-AN INTERNATIONAL JOURNAL, vol.28, no.6, pp.531-543, 2013 (Journal Indexed in SCI)
- X. **Investigation of the subsurface geometry of fissure-ridge travertine with GPR, Pamukkale, western Turkey**  
Yalciner C. Ç.  
JOURNAL OF GEOPHYSICS AND ENGINEERING, vol.10, no.3, 2013 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)
- XII. **Two-phased evolution of the Susehri Basin on the North Anatolian Fault Zone, Turkey**  
POLAT A., TATAR O., GÜRSOY H., YALÇINER C. Ç. , BÜYÜKSARAÇ A.  
GEODINAMICA ACTA, vol.25, pp.132-145, 2012 (Journal Indexed in SCI)
- XIII. **2-D AND 3-D DIFFRACTION STAKE MIGRATION METHOD USING GPR: A CASE STUDY IN CANAKKALE (TURKEY)**  
Yalciner C. C.  
MEDITERRANEAN ARCHAEOLOGY & ARCHAOMETRY, vol.12, no.2, pp.95-104, 2012 (Journal Indexed in AHCI)
- XIV. **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. Ç. , MUNSCHY M.

- GEOPHYSICAL JOURNAL INTERNATIONAL, vol.179, no.3, pp.1313-1329, 2009 (Journal Indexed in SCI)
- XV. **New temple discovery at the archaeological site of Nysa (western Turkey) using GPR method**  
Yalciner C. Ç. , BANO M., Kadioglu M., Karabacak V., MEGHRAOUI M., Altunel E.  
JOURNAL OF ARCHAEOLOGICAL SCIENCE, vol.36, no.8, pp.1680-1689, 2009 (Journal Indexed in SCI)
- XVI. **Local site effects in Atakoy, Istanbul, Turkey, due to a future large earthquake in the Marmara Sea**  
SORENSEN M. B. , OPRAL I., BONNEFOY-CLAUDET S., ATAKAN K., MAI P. M. , PULIDO N., Yalciner C. Ç.  
GEOPHYSICAL JOURNAL INTERNATIONAL, vol.167, no.3, pp.1413-1424, 2006 (Journal Indexed in SCI)
- XVII. **Historical earthquake activity of the northern part of the Dead Sea Fault Zone, southern Turkey**  
Akyüz H. S. , ALTUNEL E., KARABACAK V., Yalciner C. Ç.  
TECTONOPHYSICS, vol.426, pp.281-293, 2006 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Simav Fayındaki Düşey Yerdeğiştirmelerin, GPR (Yeraltı Radarı) Yöntemi ile Belirlenmesi**  
GÜNDOĞDU E., Kurban Y. C. , YALÇINER C. Ç. , ÖZDEN S.  
Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.3, no.2, pp.17-33, 2017 (Other Refereed National Journals)
- II. **Kütahya Fay Zonu'nun Holosen Aktivitesi**  
Altınok S., KARABACAK V., YALÇINER C. Ç. , BİLGEN A. N. , ALTUNEL E., KIYAK N. G.  
TURKIYE JEOLoji BULTENI-GEOLOGICAL BULLETIN OF TURKEY, vol.55, no.1, pp.1-17, 2012 (Other Refereed National Journals)

## Books & Book Chapters

- I. **GPR ANALYSIS OF SULTAN AHMED III LIBRARY(ENDERUN) IN TOPKAPI PALACE, ISTANBUL BEFORE RESTORATION**  
BÜYÜKSARAÇ A., YALÇINER C. Ç. , Kurban Y. C.  
in: Civil Engineering Present Problems, Innovative Solutions, Jarostaw Görecki, Ewa Czaplewska, Editor, BJK - Consulting, ul. Zajezca 6/53 85 - 809 Bydgoszcz, Bydgoszcz, pp.175-186, 2017
- II. **Heyelan Araştırmalarında Yerradarı Yöntemi: Güzelyalı Örneği**  
YALÇINER C. Ç. , BÜYÜKSARAÇ A., Kurban Y. C.  
in: Çanakkale Heyelanları, , Editor, Altın Kalem Yayınları, İzmir, pp.101-126, 2016
- III. **Offset archaeological relics in the western part of the Büyük Menderes graben (western Turkey) and their tectonic implications**  
YONLU Ö., ALTUNEL E., KARABACAK V., YALÇINER C. Ç.  
in: Ancient Earthquakes, M. Sintubin, I. S. Stewart, T. M. Niemi, E. Altunel, Editor, Geological Society of America, Special Paper on "Ancient Earthquakes", 2010
- IV. **Assessment of seismically induced damage using LIDAR: the ancient city of Pınara (SW Turkey) as a case study**  
YERLİ B., YALÇINER C. Ç.  
in: Ancient Earthquakes, M. Sintubin, I. S. Stewart, T. M. Niemi, E. Altunel, Editor, Geological Society of America, Special Paper on "Ancient Earthquakes", 2010

## Refereed Congress / Symposium Publications in Proceedings

- I. **EÜAŞ Çan" Thermic Power Plant Moisture Analysis in Areas Provided for Limestone Desulphurization Purposes.**  
BÜYÜKSARAÇ A., YALÇINER C. Ç. , EKİNCİ Y. L. , İŞİK E.

- II. **Pre-Restoration Studies of Edirne Hidirlik Bastion**  
BÜYÜKSARAÇ A., YALÇINER C. Ç. , AYDIN M. C.  
Third International Mediterranean Congress on Natural Sciences, Health Sciences and Engineering, 18 - 20 June 2019
- III. **3D Modelling of Historical Remains Using Unmanned Aerial Vehicle, A Case Study: Gallipoli Peninsula**  
YÜCEL M. A. , ŞANLIYÜKSEL YÜCEL D., YALÇINER C. Ç. , YILMAZ D.  
XXVIII International Symposium on Modern Technologies, Education and Professional Practice in Geodesy And Related Fields, SOFYA, Bulgaria, 8 - 09 November 2018, pp.101-107
- IV. **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
- 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. **Monitoring Creep Movement with Terrestrial LIDAR on the Gere de Bayramören Segment of the North Anatolian Fault Zone Turkey**  
altınok erayık S., ALTUNEL E., tunçel E., YALÇINER C. Ç.  
European Geosciences Union General Assembly 2016, Viyana, Austria, 17 - 22 April 2016
- VII. **Investigation of Disturbance on Gallery Floor of Hagia Sophia Museum with GPR Method**  
Kurban Y. C. , YALÇINER C. Ç. , ALTUNEL E., BÜYÜKSARAÇ A., TOPÇU İ., Belce E.  
EAGE Balkan Geophysical Society, 5 - 08 October 2015
- VIII. **Investigation of Sultana and Sultan Hamam Walls at Topkapı Palace with Non destructive GPR CX Method**  
YALÇINER C. Ç. , Kurban Y. C. , ALTUNEL E., BÜYÜKSARAÇ A., TOPÇU İ., Belce E.  
EAGE Balkan Geophysical Society, 5 - 08 October 2015
- IX. **GEOPHYSICAL SITE CHARACTERIZATION ASSESSMENT OF AN EARTHQUAKE PRONE AREA CITY OF CANAKKALE NW TURKEY**  
BEKLER T., DEMİRCİ A., EKİNCİ Y. L. , BÜYÜKSARAÇ A., YALÇINER C. Ç.  
Kocaeli 2015 5th International Earthquake Symposium, 10 - 12 June 2015, pp.519-522
- X. **Travertine fissure ridges as proxies of tectonically controlled hydrothermal fluids fed by a carbonate reservoir Special emphasis on Denizli basin of SW Anatolia Turkey**  
BROGLI A., capezzuoli E., ruggieri G., gandin A., ALÇİÇEK M. C. , liotta D., meccheri M., YALÇINER C. Ç. , BÜYÜKSARAÇ A.  
31st IAS Meeting of Sedimentology, 22 - 25 June 2015
- XI. **Geophysical Site Characterization Assessment of an Earthquake Prone Area City of Canakkale NW TURKEY**  
BEKLER T., DEMİRCİ A., EKİNCİ Y. L. , BÜYÜKSARAÇ A., YALÇINER C. Ç.  
5th International Earthquake Symposium, Kocaeli, Turkey, 10 - 12 June 2015, pp.519-522
- XII. **Çanakkale Güzelyalı Köyü Heyelan Sahası Sismik Tomografi ve İnklinometre Sonuçlarının Değerlendirilmesi**  
EYİSÜREN O., BÜYÜKSARAÇ A., BEKLER T., YALÇINER C. Ç.  
Kocaeli 2015 Uluslararası Deprem Sempozyumu, 10 - 12 June 2015
- XIII. **Geophysical Site Characterization Assessment Of An Earthquake Prone Area City of Canakkale Nw Turkey**  
BEKLER T., DEMİRCİ A., EKİNCİ Y. L. , BÜYÜKSARAÇ A., YALÇINER C. Ç.  
Kocaeli 2015 Uluslararası Deprem Sempozyumu, 10 - 12 June 2015

## Supported Projects

GÜNDOĞDU E., YALÇINER C. Ç. , KURBAN Y. C. , Project Supported by Higher Education Institutions, Anzak Koyu'ndaki (Çanakkale) Savaş İzlerinin Sığ Jeofizik Yöntemlerle Araştırılması, 2019 - 2020

YÜCEL M. A. , YALÇINER C. Ç. , YILMAZ D., ŞANLIYÜKSEL YÜCEL D., Project Supported by Higher Education Institutions, Gelibolu Yarımadası Tarihi Alanı Yüzey ve Yeraltı İzlerinin Geomatik ve Jeofizik Yöntemler ile Tespit Edilerek Üç Boyutlu Modellenmesi, 2018 - 2019

GÜNDOĞDU E., ÖZDEN S., YALÇINER C. Ç. , Project Supported by Higher Education Institutions, Simav ve Civarındaki Aktif Fayların 3 Boyutlu Fay Geometrisinin GPR (Yeraltı Radarı) Yöntemi ile Belirlenip Modellenmesi, 2015 - 2016

## Citations

Total Citations (WOS):195

h-index (WOS):8