

## Assoc. Prof. Çağlar ÖZER

### Personal Information

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### International Researcher IDs

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ScopusID: 57190940123

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### Biography

I am director at the Earthquake Research Center, Atatürk University, Turkey. I received my Ph.D and M.Sc. in Earth Sciences from the Graduate School of Natural and Applied Sciences of Dokuz Eylül University (DEU), Izmir and my B.Sc. in Geophysics and Geology from the Suleyman Demirel University in Isparta, Turkey. My research focuses in understanding the physics of earthquakes, geothermal reservoir, local earthquake tomography (LET), ambient noise tomography, tectonic, induced seismicity. I received my PhD from DEU working with Prof. Orhan Polat on applying LET technique on some of the largest local datasets in Turkey. My other interest is to use seismic records to understand the earthquake source, the interior of the Earth and how both affect the ground motions that we feel on the Earth's surface. Seismological observations are affected by the internal structure of the Earth, for example amplification of seismic waves in sedimentary basins. Also, other seismological subjects that I studied more than ten years, were principal research topics for me. Additionally, I enjoy working with instrumental seismology, and analyzing seismic data by actively using GEOPSY and also SEISAN software's.

### Education Information

Doctorate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği Anabilim Dalı, Turkey 2013 - 2017

Postgraduate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği Anabilim Dalı, Turkey 2009 - 2012

Undergraduate Minor, Suleyman Demirel University, Mühendislik-Mimarlık Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 2008 - 2010

Undergraduate, Suleyman Demirel University, Mühendislik-Mimarlık Fakültesi, Jeofizik Mühendisliği Bölümü, Turkey 2005 - 2009

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Foreign Language, Yüksek Lisans Yabancı Dil Hazırlık, Dokuz Eylül Üniversitesi, 2010

## Dissertations

Doctorate, INVESTIGATION OF CRUSTAL STRUCTURE USING LOCAL EARTHQUAKE TOMOGRAPHY IN AEGEAN REGION OF TURKEY, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği Anabilim Dalı, 2017  
Postgraduate, Doğal gerilim (SP) ve elektromanyetik VLF yöntemleri ile aktif tektonik zonlarının incelenmesi, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği Anabilim Dalı, 2012

## Research Areas

Geophysical Engineering, Seismology, Earthquake Seismology, Applied Geophysics, Search Seismology, Tectonics (Paleotectonics, Neotectonics, Seismotectonics), Geotechnical, Soil Dynamics, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2021 - Continues  
Assistant Professor, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2017 - Continues  
Research Assistant, Ataturk University, Oltu Yer Bilimleri Fakültesi, Jeofizik Mühendisliği, 2011 - 2017

## Academic and Administrative Experience

Atatürk Üniversitesi, Deprem Araştırma Merkezi, 2019 - Continues  
Deputy Director of the Center, Ataturk University, 2017 - 2018

## Courses

Deprem Biliminin Temel Kavramları, Postgraduate, 2023 - 2024, 2021 - 2022, 2019 - 2020  
Pasif Sismolojik Tomografi, Doctorate, 2023 - 2024, 2021 - 2022  
Jeotermal Sistemler ve Modelleme, Postgraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021  
Deprem ve Zemin Mühendisliğinde İleri Jeofizik Uygulamalar , Doctorate, 2021 - 2022  
Mühendislik Matematiği, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Bilgisayar Programlama, Undergraduate, 2020 - 2021, 2019 - 2020  
Zemin Mekaniği, Undergraduate, 2018 - 2019

## Advising Theses

Özer Ç., Atatürk Üniversitesi yerleşkesi zemin özelliklerinin mikrotremor yöntemi ile incelenmesi, Postgraduate, B.SARAÇ(Student), 2024  
Özer Ç., Hatay ve çevresinin hakim gerilme karakterinin araştırılması, Postgraduate, N.ÖZCAN(Student), 2023  
Özer Ç., Denizli ilindeki kuvvetli yer hareketi istasyonlarının zemin dinamik özelliklerinin ve ivme tepki spektrumlarının incelenmesi, Postgraduate, B.İNALCIK(Student), 2022

## Jury Memberships

Doctoral Examination, Doctoral Examination, Erzurum Teknik Üniversitesi, May, 2023  
Post Graduate, Post Graduate, Atatürk Üniversitesi, April, 2023  
Post Graduate, Post Graduate, Atatürk Üniversitesi, January, 2023

Post Graduate, Post Graduate, Atatürk Üniversitesi, January, 2021  
Post Graduate, Post Graduate, Atatürk Üniversitesi, September, 2020  
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, December, 2019  
Post Graduate, Tez Savunma Jürisi, Dokuz Eylül Üniversitesi, October, 2018

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

- I. **The strong ground motion and structural response analysis of 06 February 2023 Pazarcık and Elbistan earthquakes (Mw 7.7 and 7.6): a Case study for Malatya-Türkiye, Eastern Anatolia**  
BAYRAK E., ÇELEBİ O., KILIÇ M., ÖZER Ç., AYDIN A. C.  
BULLETIN OF EARTHQUAKE ENGINEERING, 2024 (SCI-Expanded)
- II. **The damage assessment of masonry structures and engineering seismology studies (19-22 November 2021 Koprükoy earthquakes (Mw 5.1 and Mw 4.7) in Erzurum, Turkey)**  
Çelebi O., Özer Ç., Bayrak E., Bayrak B., Kılıç M., Aydın A. C.  
NATURAL HAZARDS, vol.119, pp.1611-1632, 2023 (SCI-Expanded)
- III. **Earthquake response of historical church within the perspective of structural dynamics: Oltu Russian Church**  
ÇELEBİ O., ÖZER Ç., Bayrak B., KILIÇ M., AYDIN A. C.  
Journal of Building Engineering, vol.75, 2023 (SCI-Expanded)
- IV. **THE BENDING BEHAVIOR AND FREE VIBRATION OF THE CONCRETE-STEEL COMPOSITE FLOORS**  
Afzali S. A., Özer Ç., Bayrak B., Sadid A. J., Çelebi O., Aydın A. C.  
ADVANCED STEEL CONSTRUCTION, vol.19, no.3, pp.209-222, 2023 (SCI-Expanded)
- V. **Investigation of the Effects of Waste Tire, Water Content and Relative Density on Soil Dominant Frequency in Separate Grained Soils by Microtremor Method**  
Çakıcı H., Kocadağistan M. E., Özer Ç., Zaimoğlu A. Ş.  
JOURNAL OF ENGINEERING RESEARCH, vol.11, no.28, pp.38-47, 2023 (SCI-Expanded)
- VI. **Dynamic sub-surface characteristic and the active faults of the Genc District locating over the Bingöl Seismic Gap of the East Anatolian Fault Zone, Eastern Turkey**  
Akbayram K., BAYRAK E., Pamuk E., ÖZER Ç., KIRANŞAN K., VAROLGÜNEŞ S.  
NATURAL HAZARDS, vol.114, no.1, pp.825-847, 2022 (SCI-Expanded)
- VII. **Investigation of soil dynamic characteristics at seismic stations using H/V spectral ratio method in Marmara Region, Turkey**  
AYDIN U., Pamuk E., ÖZER Ç.  
NATURAL HAZARDS, vol.110, no.1, pp.587-606, 2022 (SCI-Expanded)
- VIII. **Tectonic and structural characteristics of Erzurum and its surroundings (Eastern Turkey): a detailed comparison between different geophysical parameters**  
ÖZER Ç., Ozturk S., Pamuk E.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.31, no.1, pp.85-108, 2021 (SCI-Expanded)
- IX. **The 24 January 2020 (Mw 6.8) Sivrice (Elazığ, Turkey) earthquake: a first look at spatiotemporal distribution and triggering of aftershocks**  
BAYRAK E., ÖZER Ç.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.14, no.22, 2021 (SCI-Expanded)
- X. **4-D tomographic change of V-p and V-p/V-s structure before destructive earthquakes: a case study of the Sivrice-Elazığ earthquake (mw=6.8), Eastern Turkey**  
ÖZER Ç.  
NATURAL HAZARDS, vol.108, no.2, pp.1901-1917, 2021 (SCI-Expanded)
- XI. **The Site Effect Investigation with Using Horizontal-to-Vertical Spectral Ratio Method on Earthquake Data, South of Turkey**  
Pamuk E., ÖZER Ç.  
GEOTECHNICS, vol.54, no.4, pp.563-576, 2020 (SCI-Expanded)

- XII. **3-D Upper crustal velocity structure of the Inner Gulf of Izmir from ambient noise tomography**  
MULUMULU E., ÖZER Ç., GÖK E., GARCÍA C., POLAT O. D.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.1, pp.255-264, 2020 (SCI-Expanded)
- XIII. **Imaging the Crustal Structure Throughout the East Anatolian Fault Zone, Turkey, by Local Earthquake Tomography**  
ÖZER Ç., ÖZYAZICIOĞLU M. H., GÖK E., POLAT O. D.  
PURE AND APPLIED GEOPHYSICS, vol.176, no.6, pp.2235-2261, 2019 (SCI-Expanded)
- XIV. **The local earthquake tomography of Erzurum (Turkey) geothermal area La tomografía de terremoto local del área geotérmica de Erzurum (Turquía)**  
ÖZER Ç., ÖZYAZICIOĞLU M. H.  
Earth Sciences Research Journal, vol.23, no.3, pp.209-223, 2019 (SCI-Expanded)
- XV. **Determination of 3-D crustal seismic velocity structure beneath Hatay and surroundings**  
ÖZER Ç.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, no.4, pp.2215-2227, 2019 (SCI-Expanded)
- XVI. **Three-Dimensional Seismic Velocity Structure of the Aegean Region of Turkey from Local Earthquake Tomography**  
ÖZER Ç., Gök E., Polat O.  
ANNALS OF GEOPHYSICS, vol.61, no.1, 2018 (SCI-Expanded)
- XVII. **Local earthquake tomography of Izmir geothermal area, Aegean region of Turkey**  
Ozer C., Polat O.  
BOLLETTINO DI GEOFISICA TEORICA ED APPLICATA, vol.58, no.1, pp.17-42, 2017 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Coda Wave Spatial Variation in Eastern Anatolia, Turkey**  
Özer Ç., Özyazıcıoğlu M. H., Perk Ş.  
Brilliant Engineering, vol.3, no.2, pp.1-7, 2022 (Peer-Reviewed Journal)
- II. **24 Ocak 2020 Sivrice (Türkiye) Depremi (Mw 6.8): Yer Hareketi Tahmin Denklemlerinin Değerlendirilmesi ve Mikrotremor Çalışmaları**  
Bayrak E., Özer Ç., Çakıcı H., Kocadağistan M. E.  
Türk deprem araştırma dergisi (Online), vol.3, no.2, pp.125-148, 2021 (Peer-Reviewed Journal)
- III. **Rayleigh dalgası Eliptisitesi kullanılarak S- Dalga Hız Yapısının Elde Edilmesi: Erzurum Örneği**  
PAMUK E., ÖZER Ç.  
Yerbilimleri/Hacettepe Üniversitesi Yerbilimleri Uygulama ve Araştırma Merkezi Dergisi, vol.41, no.2, pp.147-168, 2020 (Scopus)
- IV. **Erzurum ve Çevresi İçin Gerilme Tensör ve Coulomb Analizleri**  
BAYRAK E., ÖZER Ç., PERK Ş.  
Türk Deprem Araştırma Dergisi, vol.2, no.1, pp.101-114, 2020 (Peer-Reviewed Journal)
- V. **Coulomb Stress Changes after 11 May 2017 Askale-Erzurum (NETurkey) Earthquake (Mw = 4.7)**  
ÖZER Ç., BAYRAK E.  
International Journal of Earth Sciences Knowledge and Applications, vol.2, no.1, pp.13-18, 2020 (Peer-Reviewed Journal)
- VI. **KOCAELİ VE ÇEVRESİ İÇİN COULOMB GERİLME ANALİZİ**  
GÖK E., ERDEM M., ÖZER Ç.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.8, no.1, pp.1-11, 2020 (Peer-Reviewed Journal)
- VII. **The Ground-Motion Attenuation Comparison: A case study for the 2017/05/11 Askale earthquake (Mw4.7)**  
BAYRAK E., ÖZER Ç., PERK Ş.

Brilliant Engineering, vol.1, no.3, pp.22-26, 2020 (Peer-Reviewed Journal)

VIII. **Investigation of Soil Amplification in North Cyprus**

ÖZER Ç.

Journal of the Earth and Space Physics, vol.45, no.4, pp.53-61, 2020 (Scopus)

IX. **Erzurum ve Çevresi Yerel Zemin Etkilerinin SSR ve HVSR Yöntemleri Kullanılarak Araştırılması**

ÖZER Ç.

Deu Muhendislik Fakültesi Fen ve Muhendislik, vol.21, pp.247-257, 2019 (Peer-Reviewed Journal)

X. **İzmir ve Çevresinin 1-B (Bir Boyutlu) Sismik Hız Yapısının Belirlenmesi**

ÖZER Ç., POLAT O. D.

Deu Muhendislik Fakültesi Fen ve Muhendislik, vol.19, no.55, pp.147-168, 2017 (Peer-Reviewed Journal)

## Books & Book Chapters

I. **Geçmişten Günümüze Ülkemizdeki Yerleşim Alanları Seçim Kriterleri Üzerine Bir Derleme: Jeofiziksel Bir Bakış**

Aydın Ö. L., ÖZER Ç.

in: Tehlikeler ve Afet Dirençli Kentler II, TÜN MUAMMER, Editor, Özgür Publications, Gaziantep, pp.81-108, 2024

II. **Bölüm 2: Deprem Konumu ve Deprem Büyüklüğünün Hesaplanmasında Özel Durumlar**

ÖZER Ç.

in: Deprem Araştırmaları, Sayıl Nilgün, Editor, Akademisyen Yayınevi, Ankara, pp.49-68, 2022

III. **Chapter 4: Investigation of Soil Amplification in Lake Van Basin**

ÖZER Ç.

in: RESEARCH AND REVIEWS IN ENGINEERING, Doç. Dr. Gülден BAŞYİĞİT KILIÇ, Dr. Öğr. Üyesi Ahmet ÇİFÇİ, Dr. Öğr. Üyesi Altan YILMAZ, Editor, Gece Kitaplığı, Ankara, pp.63-73, 2019

IV. **Chapter 20: Bulgarian and Turkish Complex Geological and Geophysical Research in Antarctica: Summary and New Results**

RANGUELOV B., POLAT O. D., GÖK E., ÖZER Ç.

in: Environment and Ecology at the Beginning of 21st Century, Efe Recep, Bizzarri Carmen, Cürebal, İsa, Nyusupova, Gulnara, Editor, ST. KLIMENT OHRIDSKI UNIVERSITY PRESS SOFIA, Sofya, pp.277-301, 2015

## Refereed Congress / Symposium Publications in Proceedings

I. **Earthquake and Occupational Safety**

ÖZER Ç.

1. International Paris Scientific Researches and Innovation Congress, France, 3 - 04 October 2024

II. **The Effect of Seasonal Changes on Horizontal/Vertical Spectral Ratio Values: The Example of Kilis, Türkiye**

ÖZER Ç.

Latin America 8th International Conference On Scientific Researches, Havana, Cuba, 1 - 05 May 2024

III. **Effect Of Kahramanmaraş Earthquakes (Mw 7.7 And 7.6) on Erzurum Province**

ÖZER Ç.

Latin America 8th International Conference On Scientific Researches, Havana, Cuba, 1 - 05 May 2024

IV. **Atatürk Üniversitesi Yerleşkesi Zemin Özelliklerinin Mikrotremor Yöntemi ile İncelenmesi.**

Saraç B., ÖZER Ç.

MÜHJE'2024 Ulusal Mühendislik Jeolojisi ve Jeoteknik Sempozyumu, Nevşehir, Turkey, 06 June 2024, pp.345-352

V. **6 Şubat 2023 Kahramanmaraş deprem çifti (Mw=7.8, Mw=7.6) Sismolojik ve Sismotektonik Analizi**

POLAT O. D., ÖZER Ç., ÖZTÜRK S.

Şubat 2023 Depremleri ve Bölgemize etkileri Sempozyumu, Adana, Turkey, 28 February - 01 March 2024

VI. **Seismology and Artificial Intelligence Chatbot**

ÖZER Ç.

International Conference on Educational Technology and Online Learning (ICETOL2023), Balıkesir, Turkey, 20 - 23 June 2023, pp.61

- VII. **The Earthquake Activity Observed in the Aziziye-Erzurum Region After the Devastating 2023 Kahramanmaraş Earthquakes (Mw 7.7 and 7.6)**  
ÖZER Ç., BAYRAK E., PERK Ş.  
The Second International Congress on the Phenomenological Aspects of Civil Engineering, Erzurum, Turkey, 20 - 23 June 2023
- VIII. **Investigation of Foreshock and Aftershock Earthquake Distribution of Devastating Events in Turkey**  
ÖZER Ç.  
The Second International Congress on the Phenomenological Aspects of Civil Engineering, Erzurum, Turkey, 20 - 23 June 2023
- IX. **Investigation of Seasonal Differences of Horizontal-to-Vertical Spectral Ratio (HVSR) Method**  
ÖZER Ç.  
International Antalya Scientific Research and Innovative Studies Congress, Antalya, Turkey, 18 - 21 December 2021
- X. **An Overview of Triggered Earthquakes In Natural Gas and Hydrocarbon Areas**  
ÖZER Ç.  
VIII INTERNATIONAL SCIENTIFIC CONFERENCE OF YOUNG SCIENTISTS & STUDENTS, Baku, Azerbaijan, 5 - 08 October 2021
- XI. **Reservoir Seismology: Essentials of Reservoir Modelling in Small-Scale Geothermal Area**  
Mulumu E., POLAT O. D., ÖZER Ç.  
International Congress on the Phenomenological Aspects of Civil Engineering, Erzurum, Turkey, 20 - 23 July 2021
- XII. **Analysis of Response Spectra Of 25-28 March 2004 Aşkale-Erzurum Earthquakes (Mw 5.6) Acceleration Record According to 2018 Turkish Building Earthquake Code**  
ÖZER Ç.  
International Congress on the Phenomenological Aspects of Civil Engineering, Erzurum, Turkey, 20 - 23 July 2021
- XIII. **Doğal Gürültü Çapraz İlişkisi Kullanılarak Jeotermal Rezervuar Görüntüleme**  
Mulumu E., POLAT O. D., ÖZER Ç.  
INTERNATIONAL ONLINE CONFERENCES ON ENGINEERING AND NATURAL SCIENCES (IOCENS'21), Gümüşhane, Turkey, 5 - 07 July 2021
- XIV. **24 Ocak 2020 Elazığ (Sivrice) Depremi (Mw 6.8): Saha ve Sismoloji Çalışmaları**  
Özer Ç., Çakıcı H., Kocadağistan M. E., Bayrak E., Perk Ş.  
idRc 2020 2 nd International Disaster & Resilience Congress Resilience of /in Megacities, Eskişehir, Turkey, 13 - 15 October 2020, pp.331-337
- XV. **DYNAMIC CHARACTERISTICS OF STRUCTURES WITH MICROTREMOR METHOD**  
Özer Ç.  
V. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS – ENGINEERING (BILMES EN 2020), Tokat, Turkey, 12 - 14 December 2020, pp.118-126
- XVI. **24 January 2020 Elazığ (Sivrice) Earthquake (Mw 6.8): Survey and Seismology Studies**  
ÖZER Ç., ÇAKICI H., KOCADAĞIŞTAN M. E., BAYRAK E., PERK Ş.  
2nd International Disaster and Resilience Congress, Eskişehir, Turkey, 13 - 15 October 2020, vol.1, pp.331-337
- XVII. **Determination of soil amplification of sand soils using microtromor method with added waste rubber parts**  
Çakıcı H., Özer Ç., Kocadağistan M. E., Zaimoğlu A. Ş.  
II. International Turkish World Engineering and Science Congress, Antalya, Turkey, 7 - 10 November 2019, vol.3, no.1, pp.318-325
- XVIII. **Regional and Temporal Analyses of the Seismic Activity: A Case Study in Erzurum, Turkey**  
ÖZER Ç., PAMUK E.  
Battalgazi 3. Uluslararası Multi Disipliner çalışmalar Kongresi, Malatya, Turkey, 21 - 23 September 2019, pp.147
- XIX. **Investigation of One-Dimensional Seismic Velocity Structure of Erzurum: Preliminary Results**  
ÖZER Ç.

- Battalgazi 3. Uluslararası Multi Disipliner çalışmalar Kongresi, Malatya, Turkey, 21 - 23 September 2019, pp.146
- XX. **Seismic risk assessment in Van city and its surroundings, Eastern, Turkey**  
PAMUK E., ÖZER Ç.  
5th European Conference on Science, Art and Culture, Ankara, Turkey, 28 - 29 September 2019, pp.92
- XXI. **Comparison of soil amplifications obtained with different seismic sensor types**  
ÖZER Ç., PAMUK E.  
2. Uluslararası Erciyes Bilimsel Araştırmalar Kongresi, Kayseri, Turkey, 27 - 29 September 2019, pp.123
- XXII. **A New Attenuation Relationship in Erzurum: Preliminary Results**  
ÖZER Ç.  
2. Uluslararası Erciyes Bilimsel Araştırmalar Kongresi, Kayseri, Turkey, 27 - 29 September 2019, pp.122
- XXIII. **Investigation of soil properties by using microtremor method: A case study from Erzurum**  
ÖZER Ç.  
5th International Conference on Natural and Engineering Sciences, İstanbul, Turkey, 27 - 30 August 2019, pp.27
- XXIV. **Yapay Arı Kolonisi Algoritması Yöntemiyle Deprem Parametreleri Tayini: İlk Sonuçlar**  
ÖZYALIN Ş., ÖZER Ç., POLAT O. D.  
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, Eskişehir, Turkey, 11 - 13 October 2017
- XXV. **Rapid estimation of ground-shaking maps for seismic emergency management in Turkey**  
Çeken U., TEPEUĞUR E., KURU T., GÖK E., ÖZER Ç., POLAT O. D.  
International Association of Geodesy (IAG) and International Association of Seismology and Physics of the Earth's Interior (IASPEI), Kobe, Japan, 30 July - 04 August 2017
- XXVI. **Passive Seismic Tomography Technique in Global Energy Exploration: Case Study for Geothermal Energy**  
ÖZER Ç., Gök E., Polat O.  
Integration Processes of the world science in the 21st Century, Gence, Azerbaijan, 10 - 14 October 2016, pp.1
- XXVII. **ShakeMap Implementation in Turkey**  
Kuru T., Çeken U., Tepeuğur E., Apak A., kökbudak D., Sezer S., Ateş E., Tekin K., Teoman Selçuk K., Sahin C., et al.  
35th European Seismology Commission (ESC-2016), Trieste, Italy, 4 - 10 September 2016
- XXVIII. **Seismic Underground Characteristics beneath Izmir Geothermal Area**  
ÖZER Ç., POLAT O. D.  
International Workshop on Earthquakes in North Iceland, Husavik, Faroe Islands, 31 May - 03 June 2016, pp.57-59
- XXIX. **Investigation of Soil Transfer Function using SSR Method in Western Anatolia Turkey**  
ÖZER Ç., POLAT O. D., GÖK E.  
7th International Geosciences Student Conference, Katowice, Poland, 11 - 14 July 2016, pp.130-132
- XXX. **Earthquake risk assessment in central North Anatolian Fault Zone Turkey**  
PAMUK E., ÖZER Ç.  
International conference on engineering and natural science, Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016, pp.1-5
- XXXI. **İzmirnet Verileri İle İvme Hız Yerdeğiştirme Spektrumlarının İncelenmesi 24 Mayıs 2014 Ege Denizi Depremi M 6.5 Örneği**  
ÖZER Ç., GÖK E., POLAT O. D.  
Genç Yerbilimleri Kongresi, İzmir, Turkey, 5 - 07 June 2015, pp.170-171
- XXXII. **Cloumb Stres Değişimleri: 24 Mayıs 2014 Ege Denizi (M=6.5) Depremi**  
ÖZER Ç., Polat O., Gök E.  
Genç Yerbilimciler Kongresi, İzmir, Turkey, 5 - 07 June 2015, pp.172-173
- XXXIII. **Fay Düzlemi Çözümleri ve Gerilme Tensörü Çalışmaları: İzmir Örneği**  
ÖZER Ç., Gök E., Polat O., Çeken U.  
Genç Yerbilimciler Kongresi, İzmir, Turkey, 5 - 07 June 2015, pp.176-177
- XXXIV. **Aftershock Activity Triggered by the 2014 Earthquake Mw 6.5 and Its Implications for the Future Seismic Risk in Marmara Sea Turkey**  
POLAT O. D., Kılıç T., Türkoğlu M., Kaplan M., Ömer K., ÖZER Ç., GÖK E.  
AGU Fall Meeting, San-Francisco, Costa Rica, 15 - 19 December 2014

- XXXV. **Comparison of Peak Ground Acceleration and Velocity in Different Attenuation Relationships**  
Polat O., Gök E., ÖZER Ç.  
Second European Conference on Earthquake Engineering and Seismology (2ECEES), İstanbul, Turkey, 25 - 29 August 2014, pp.1-5
- XXXVI. **Planktonic Foraminifera And Ammonite Contents for The Upper Valanginiyen Aptian Lower Cretaceous of Eastern Anatolian Olur Erzurum Turkey**  
çağlar M., KALKAN E., SN R., ÖZER Ç., BİLİCİ Ö.  
3rd Int. Conf. on the Palaeontology of South-East Asia (ICPSEA3), Malaysia, 30 September - 04 October 2013, pp.56
- XXXVII. **Urla - İçmeler Bölgesinde Aktif Tektonik Amaçlı Tümüleşik Jeofizik Çalışmalar**  
Drahor M., Berge M., Öztürk C., Dondurur D., Ongar A., ÖZER Ç.  
Aktif Tektonik Araştırma Grubu 15. Çalıştayı, Adana, Turkey, 19 - 22 October 2011, pp.45-46

## Supported Projects

- Bayrak E., Özer Ç., Akbayram K., Kıranşan K., Pamuk E., TÜBİTAK Project, Doğu Anadolu Fay Zonu Üzerindeki Bingöl Sismik Boşluğu'nun Fay Yapısı ile Bingöl İli Merkez İlçesi'nin Yerel Zemin Etkilerinin Araştırılarak Sahaya Özel Sismik Tehlike Analizinin Yapılması, 2022 - 2025
- ÖZER Ç., SARAÇ B., Project Supported by Higher Education Institutions, ATATÜRK ÜNİVERSİTESİ YERLEŞKESİ ZEMİN ÖZELLİKLERİNİN MİKROTREMOR YÖNTEMİ İLE İNCELENMESİ, 2023 - 2024
- AYDIN U., BAYRAK E., ÖZER Ç., Project Supported by Higher Education Institutions, ERZURUM VE ÇEVRESİ İÇİN SİSMOJENİK YAPILAR VE DEPREM TEHLİKE ANALİZİ, 2021 - 2022
- ÖZER Ç., PERK Ş., BAYRAM R., Project Supported by Higher Education Institutions, ATA-NET DEPREM AĞINDAKİ ARIZALI İSTASYONLARIN ONARIMI, 2019 - 2020
- ÖZER Ç., Project Supported by Other Official Institutions, TÜRKİYE'DE SARSINTI HARİTA (SHAKEMAP) UYGULAMASI, 2014 - 2017

## Memberships / Tasks in Scientific Organizations

Jeofizik Mühendisleri Odası, Member, 2009 - Continues

## Scientific Refereeing

- Acta Geophysica, SCI Journal, February 2024
- NATURAL HAZARDS, SCI Journal, August 2023
- Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, July 2023
- OPEN GEOSCIENCES, SCI Journal, April 2023
- Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, National Scientific Refreed Journal, March 2023
- Acta Geophysica, SCI Journal, January 2023
- Mühendislik Bilimleri ve Tasarım Dergisi, National Scientific Refreed Journal, December 2022
- Surveys Geophysics, SCI Journal, August 2022
- Doğal Afetler ve Çevre Dergisi, National Scientific Refreed Journal, June 2022
- Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, May 2022
- YERBİLİMLERİ = EARTH SCIENCES, National Scientific Refreed Journal, January 2022
- Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, January 2022
- Gazi Mühendislik Mimarlık Dergisi, SCI Journal, January 2022
- Civil Engineering Beyond Limits , Other journals, July 2021
- Maden Tetkik ve Arama Dergisi, National Scientific Refreed Journal, June 2021



Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, November 2020  
EARTHQUAKE SCIENCE, Journal Indexed in ESCI, October 2019  
Türk deprem araştırma dergisi, National Scientific Refreed Journal, May 2019  
Türk deprem araştırma dergisi, National Scientific Refreed Journal, May 2019

## **Scientific Consultations**

Erzurum Teknik Üniversitesi, Scientific Consultancy, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği,  
Turkey, 2023 - Continues

## **Metrics**

Publication: 75  
Citation (WoS): 114  
Citation (Scopus): 145  
H-Index (WoS): 7  
H-Index (Scopus): 8

## **Awards**

Özer Ç., Araştırma Teşvik Ödülü, Türkiye Deprem Mühendisliği Derneği, September 2021  
Özer Ç., Takdir, Milli Savunma Üniversitesi, January 2018

## **Representation and Promotion Activities**

Institutional Representation, Erzurum Valiliği İl Afet ve Acil Durum Müdürlüğü, Turkey, Erzurum, 2021 - 2021

## **Non Academic Experience**

Milli Savunma Üniversitesi-Kara Harp Okulu Dekanlığı