

Asst. Prof. MUSTAFA ŞENKAYA

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Politecnico di Torino, Diati, Italy 2016 - 2016

Doctorate, Karadeniz Technical University, Fen Bilimleri Ens., Jeofizik Mühendisliği, Turkey 2010 - 2016

Postgraduate, Karadeniz Technical University, Fen Bilimleri Ens., Jeofizik Mühendisliği, Turkey 2007 - 2010

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, Turkey 2003 - 2007

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Çok Kanallı Yüzey Dalgası Verilerinin Düşey Elektrik Sondajı Verileri ile Birleşik Ters Çözümü, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği, 2016

Postgraduate, Sismik kırılma verilerinin ilk varış zamanlarının işaretlenmesinde ilişki işleminin uygulama ilkelerinin araştırılması, Karadeniz Technical University, Fen Bilimleri Ens., Jeofizik Mühendisliği, 2010

Research Areas

Geophysical Engineering, Applied Geophysics, Civil Engineering, Geotechnical

Academic Titles / Tasks

Assistant Professor, Bursa Uludağ University, İnegöl Myo, İnşaat, 2023 - Continues

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2018 - 2023

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2017 - 2018

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2009 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

1. Vs30-based site classification and assessment of site-specific ground response analysis for densely populated urban areas of Trabzon (NE Turkey)

ŞENKAYA M.

Acta Geophysica, vol.71, no.1, pp.129-146, 2023 (SCI-Expanded)

- II. **Origins of diverse present displacements in a paleo-landslide area (Isiklar, Trabzon, northeast Turkey)**
Şenkaya M., Babacan A. E., Karşlı H., Alkandemir D.
Environmental Earth Sciences, vol.81, no.8, 2022 (SCI-Expanded)
- III. **Obtaining reliable S-wave velocity depth profile by joint inversion of geophysical data: the combination of active surface-wave, seismic refraction and electric sounding data**
ŞENKAYA M., KARSLI H., Socco L. V., Foti S.
NEAR SURFACE GEOPHYSICS, vol.18, no.6, pp.659-682, 2020 (SCI-Expanded)
- IV. **Integrated shallow seismic imaging of a settlement located in a historical landslide area**
Senkaya G. V., ŞENKAYA M., KARSLI H., Gueney R.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.79, no.4, pp.1781-1796, 2020 (SCI-Expanded)
- V. **A novel measurement of the surface wave dispersion with high and adjustable resolution: Multi-channel nonlinear signal comparison**
Hu H., ŞENKAYA M., Zheng Y.
JOURNAL OF APPLIED GEOPHYSICS, vol.160, pp.236-241, 2019 (SCI-Expanded)
- VI. **Post-stack high-resolution deconvolution using Cauchy norm regularization with FX filter weighting**
KARSLI H., Guney R., ŞENKAYA M.
ARABIAN JOURNAL OF GEOSCIENCES, vol.10, no.24, 2017 (SCI-Expanded)
- VII. **Joint inversion of Rayleigh-wave dispersion data and vertical electric sounding data: synthetic tests on characteristic sub-surface models**
Senkaya M., Karşlı H.
GEOPHYSICAL PROSPECTING, vol.64, no.1, pp.228-246, 2016 (SCI-Expanded)
- VIII. **A Semi-Automatic Approach to Identify First Arrival Time: the Cross-Correlation Technique (CCT)**
ŞENKAYA M., KARSLI H.
EARTH SCIENCES RESEARCH JOURNAL, vol.18, no.2, pp.107-113, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **AKTİF ÇOK KANALLI YÜZEY DALGASI ANALİZİ (A-ÇKYDA)YÖNTEMİNDE VERİ TOPLAMA VE TABAKA PARAMETRELERİNİN TEMEL MOD DİSPERSİYON EĞRİSİ ÜZERİNDEKİ ETKİLERİ**
Karşlı H., Şenkaya M.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.10, no.3, pp.943-962, 2022 (Peer-Reviewed Journal)
- II. **SİSMİK KIRILMA VERİLERİNDE JEOFON MERKEZ FREKANSININ İLK VARİŞ ZAMANLARI ÜZERİNDEKİ ETKİSİNİN İNCELENMESİ**
Şenkaya M., Karşlı H.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.9, no.3, pp.880-893, 2021 (Peer-Reviewed Journal)
- III. **An evaluation on rippability of geological units by seismic P- and S-wave velocities**
KARSLI H., BABACAN A. E., ŞENKAYA M., GELİŞLİ K.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.27, no.3, pp.411-420, 2021 (ESCI)
- IV. **Investigation of soil structure in Uzungöl settlement area by Shallow Seismic Methods**
KARSLI H., VANLI ŞENKAYA G., ŞENKAYA M., Güney R.
EURASIAN JOURNAL OF SOIL SCIENCE, vol.6, no.2, pp.134-143, 2017 (Peer-Reviewed Journal)
- V. **Sismik Kırılma Verilerinde İlk Varış Zamanlarının Çapraz İlişki Yöntemi Kullanılarak Belirlenmesi**
Şenkaya M., KARSLI H.
Jeofizik, no.16, pp.31-41, 2012 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **KING GEORGE ADASI DESENLİ ZEMİNLERİNİN SEDİMANTOLOJİK VE JEOFİZİKSEL ÖZELLİKLERİ, BATI ANTARKTİKA**
Gürbüz A., Şenkaya M., Kwansoo K., Lee J.
5. Ulusal Kutup Bilimleri Çalıştayı, Kocaeli, Turkey, 30 November - 01 December 2021, pp.3-4
- II. **BARTON YARIMADASI (KING GEORGE ADASI / BATI ANTARKTİKA) SÜREKSİZ PERMAFROST YAPILARININ KÜRESEL KARASAL PERMAFROST AĞI'NA (GTN-P) İŞLENME ÇALIŞMALARI**
Şenkaya M., Gürbüz A., Kwansoo K., Lee J.
5. Ulusal Kutup Bilimleri Çalıştayı, Kocaeli, Turkey, 30 November - 01 December 2021, pp.1-2
- III. **PERMAFROST ALANLARDA YÜZEY SULARININ AKTİF TABAKAYA ETKİLERİ: BARTON YARIMADASI ÖRNEĞİ (KING GEORGE ADASI/BATI ANTARKTİKA)**
Şenkaya M., Gürbüz A., Kwansoo K., Lee J., Karlı H.
4. ULUSAL KUTUP BİLİMLERİ ÇALIŞTAYI, Kocaeli, Turkey, 22 October 2020, pp.187
- IV. **Işıklar (Trabzon-Maçka) Heyelan Alanının Anatomisi**
Şenkaya M., Babacan A. E., Karlı H.
73. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 6 - 10 April 2020, pp.1-2
- V. **KAŞÜSTÜ BELDESİNİN (YOMRA, TRABZON) ZEMİN KARAKTERİNİNİSİMİK VE MİKROTREMÖR ÖLÇÜMLERİ İLE GENELDEĞERLENDİRİLMESİ**
KARSLI H., BABACAN A. E., ŞENKAYA M.
2. ULUSLARARASI TÜRK DÜNYASI MÜHENDİSLİK VE FEN BİLİMLERİ KONGRESİ, Antalya, Turkey, 7 - 10 November 2019
- VI. **General evaluation of soil character of Kaşüstü Resort (Yomra, Trabzon) with seismic and microtremor surveyings**
KARSLI H., BABACAN A. E., ŞENKAYA M.
2nd International Turkish World Engineering and Science Congress in Antalya, Antalya, Turkey, 7 - 10 November 2019, pp.310-317
- VII. **Model based determination of the fundamental dispersion curve from multi-channel surface wave data**
KARSLI H., ŞENKAYA M.
2nd International Turkish World Engineering and Science Congress, Antalya, Turkey, 7 - 10 November 2019
- VIII. **Preliminary results of Integrated Geophysical Surveying in an active landslide in Işıklar-Trabzon, Turkey**
Şenkaya M., Babacan A. E., Karlı H.
10th Congress of the Balkan Geophysical Society, Albena, Bulgaria, 18 - 22 September 2019, pp.1-5
- IX. **Effects of Physical and Acquisition Parameters on Fundamental Dispersion Curve in MASW Method**
KARSLI H., ŞENKAYA M.
25th European Meeting of Environmental and Engineering Geophysics, LAHEY, Netherlands, 08 September 2019 - 12 September 2012, vol.2019, pp.1-5
- X. **A case study of vegetation variation in permafrost using Geophysical methods near the King-Sejong Station**
Kim K., Şenkaya M., Kim J., Lee J.
13th International Symposium on Antarctic Earth Sciences , Incheon, South Korea, 22 - 26 July 2019, pp.350
- XI. **Permafrost of Barton Peninsula: Surveys by Seismic Tomography, Active Surface Waves and Microtremors**
Şenkaya M., Kwansoo K., Lee J., Karlı H.
13th International Symposium on Antarctic Earth Sciences , Incheon, South Korea, 22 - 26 July 2019, pp.109
- XII. **IMPROVED FIRST ARRIVAL PICKING OF NOISY ULTRASONIC SIGNAL**
BABACAN A. E., ŞENKAYA M., KARSLI H.
9th International Symposium on Eastern Mediterranean Geology (ISEMG 2018, Antalya, Turkey, 7 - 11 May 2018, pp.208-212

- XIII. **Combination of Fourier Transform and Cepstrum Analysis to Improve the Vertical Resolution of Seismic Data**
KARSLI H., ŞENKAYA M.
9th International Symposium on Eastern Mediterranean Geology (ISEMG-2018), 7 - 11 May 2018, pp.269-275
- XIV. **Geophysical Engineering Applications in Preparing the Settlement Suitability Maps: Trabzon City-Ortahisar District Example**
KARSLI H., KİRİCİ M., ŞENKAYA M., YILMAZ Ç. C.
9th International Symposium on Eastern Mediterranean Geology (ISEMG-2018), 7 - 11 May 2018, pp.262-267
- XV. **Arazide ve laboratuvarında yapılan sismik ölçümlerle kayaç sökülebilirliğinin belirlenmesi: Trabzon ili örneği**
KARSLI H., BABACAN A. E., Şenkaya M., GELİŞLİ K.
12. Bölgesel Kaya Mekaniği Sempozyumu, TRABZON, TÜRKİYE,, Trabzon, Turkey, 3 - 05 October 2018, pp.134-137
- XVI. **Arazide ve Laboratuvarında yapılan sismik ölçümlerle kayaç sökülebilirliğinin belirlenmesi:Trabzon ili örneği**
KARSLI H., BABACAN A. E., ŞENKAYA M., GELİŞLİ K.
Kayamek2018:12. Bölgesel Kaya Mekaniği Sempozyumu, Trabzon, Turkey, 3 - 05 October 2018, pp.207-215
- XVII. **IMPROVED FIRST ARRIVAL PICKING OF NOISY ULTRASONIC SIGNAL**
BABACAN A. E., ŞENKAYA M., KARSLI H.
9th International Symposium of the Eastern Mediterranean Geology (ISEMG 2018), Antalya, Turkey, 7 - 11 May 2018, pp.1-5
- XVIII. **A Comparison Between Empirical Formulas And Impedance Ratio For The Calculation Of Soil Amplification: Synthetic And Real Cases**
VANLI ŞENKAYA G., ŞENKAYA M., KARSLI H.
9th Congress of the Balkan Geophysical Society, Antalya, Turkey, 4 - 07 December 2017
- XIX. **Investigation of Soil structure in Uzungöl Settlement Area By Shallow Seismic Methods**
KARSLI H., ŞENKAYA G., ŞENKAYA M., GÜNEY R.
Selçuk International Scientific Conference On Applied Sciences Conference, Antalya, Turkey, 27 - 30 September 2016, vol.1, pp.49-54
- XX. **Joint Inversion of MSW and VES Data For Site Classification in Trabzon Urban Area**
KARSLI H., ŞENKAYA M.
Selçuk International Scientific Conference On Applied Sciences Conference, Antalya, Turkey, 27 - 30 September 2016, vol.2, pp.281-288
- XXI. **Comparison of soil amplification calculations using Vs30 and impedance ratio**
VANLI ŞENKAYA G., KARSLI H., ŞENKAYA M.
SEG Annual Meeting Dallas-2016, Dallas, United States Of America, 16 - 21 October 2016, pp.5001-5005
- XXII. **TARİHSEL BİR HEYELANIN BİRİKTİRDİĞİ MALZEMENİN YAPISAL VEJEOTEKNİK ÖZELLİKLERİNİN SIĞ SİSMİK YÖNTEMLERLEİNCELENMESİ TRABZON UZUNGÖL ÖRNEĞİ**
Şenkaya Vanlı G., KARSLI H., ŞENKAYA M., Güney R.
Uluslararası Doğal Afet ve Afet Yönetimi Sempozyumu (DAAYS'16), Karabük, Turkey, 2 - 05 March 2016, pp.550-555
- XXIII. **Tarihsel Bir Heyelanın Biriktirdiği Malzemenin Yapısal ve Jeoteknik Özelliklerinin Sığ Sismik Yöntemlerle İncelenmesi Trabzon Uzungöl Örneği**
Vanlı Şenkaya G., KARSLI H., ŞENKAYA M., GÜNEY R.
Uluslararası Doğal Afetler ve Afet Yönetimi Sempozyumu-2016, 2 - 04 March 2016
- XXIV. **Tarihsel Bir Heyelanın Biriktirdiği Malzemenin Yapısal ve Jeoteknik Özelliklerinin Sığ Sismik Yöntemlerle İncelenmesi: Trabzon-Uzungöl Örneği**
VANLI ŞENKAYA G., KARSLI H., ŞENKAYA M., GÜNEY R.
Uluslararası Doğal Afetler ve Afet Yönetimi Sempozyumu-2016, Karabük, Turkey, 2 - 04 March 2016, pp.5
- XXV. **Imaging of Landslide Deposits around Uzungöl Lake (Trabzon-Turkey) by Refraction Tomography and MASW**
Şenkaya Vanlı G., KARSLI H., Şenkaya M., Güney R.

3rd International Conference on Engineering Geophysics (ICEG) Proceedings, Al Ain, United Arab Emirates, 15 - 18 November 2015, pp.50-53

- XXVI. **Imaging of Landslide Deposits around Uzungöl Lake (Trabzon-Turkey) by Refraction Tomography and MASW (The BEST STUDENT PAPER)**
VANLI ŞENKAYA G., KARSLI H., ŞENKAYA M., GÜNEY R.
International Conference on Engineering Geophysics-ICEG 2015, Al-Ain, United Arab Emirates, 15 - 18 November 2015
- XXVII. **RefPick A GUI Application to Pick First Arrival Times and Data Processing on Seismic Refraction Data**
ÇOBAN K. H., ŞENKAYA M., KARSLI H.
8th Congress of the Balkan Geophysical Society, Chania, Greece, 5 - 08 October 2015
- XXVIII. **A GUI Application to Pick First Arrival Times and Data Processing on Seismic Refraction Data**
Çoban H. K., Şenkaya M., KARSLI H.
8th Congress of the Balkan Geophysical Society, Girit, Greece, 5 - 08 October 2015, pp.26749
- XXIX. **The Sensitivity Analysis as a Non-uniqueness Indicator in the Inversion of Rayleigh-wave Dispersion Curve**
Şenkaya M., Karşlı H.
Near Surface Geoscience 2015 - 21st European Meeting of Environmental and Engineering Geophysics, Turin, Italy, 6 - 10 September 2015, pp.1-4
- XXX. **Trabzon-Uzungöl Beldesindeki Eski Heyelan Alanının Zemin Yapısının ve Dinamik Özelliklerinin Sığ Sismik Yöntemlerle Araştırılması**
Şenkaya Vanlı G., KARSLI H., Şenkaya M., Güney R.
Ulusal Mühendislik Jeolojisi Sempozyumu-MUHHEO 2015, Trabzon, Turkey, 3 - 05 September 2015, pp.145-152
- XXXI. **Investigation of Bedrock Topography and Soil Dynamic Parameters of Uzungöl Settlement with Shallow Seismic Methods**
Vanlı Şenkaya G., KARSLI H., Şenkaya M., Güney R.
77th EAGE Conference & Exhibition 2015, Madrid, Spain, 1 - 04 June 2015
- XXXII. **Yığma verilerinin yüksek ayrımlı dekonvolüsyonu**
KARSLI H., Güney R., Şenkaya M.
The 20th International Petroleum and Natural Gas Congress and Exhibition of Turkey, Ankara, Turkey, 27 - 29 May 2015, pp.231-233
- XXXIII. **Beton ve Çakıllı Yüzeylerde Farklı Jeofon Tablalarının Kullanılması**
BABACAN A. E., ŞENKAYA M.
International Conference on Research in Education and Science (ICRES), Antalya, Turkey, 23 - 26 April 2015, pp.385-394
- XXXIV. **The Use of Different Geophone Plates on Pavement and Graveled Surfaces**
BABACAN A. E., ŞENKAYA M.
International Conference on Research in Education and Science (ICRES), Antalya, Turkey, 23 - 26 April 2015, pp.385-394
- XXXV. **A Combination of Fundamental Mode Dispersion Curves Obtained from Remi and Masw Methods- Examples from Trabzon (Arsin)**
AKIN Ö., SAYIL N. L., ŞENKAYA M.
8 th International Symposium on Eastern Mediterranean Geology, Muğla, Turkey, 13 - 17 October 2014, pp.11
- XXXVI. **1D Joint Inversion of Rayleigh Fundamental Mode and Electric Sounding Curves: Synthetic Tests**
ŞENKAYA M., KARSLI H.
Near Surface Geoscience 2014 - 20th European Meeting of Environmental and Engineering Geophysics, Atina, Greece, 14 - 18 September 2014, pp.10
- XXXVII. **Joint Inversion of Fundamental Mode Rayleigh Dispersion and Vertical Electric Sounding Data: Applications on Model Data**
KARSLI H., Şenkaya M.
The 20th International Geophysical Congress and Exhibition of Turkey, Antalya, Turkey, 25 - 27 November 2013, pp.191-194

- XXXVIII. **Effects of Data Acquisition and Layer Parameters on Dispersion Curves in Multichannel Analysis of Surface Waves (MASW)**
KARSLI H., Yazıcı Ç., Şenkaya M., Güney R.
The 20th International Geophysical Congress and Exhibition of Turkey, Antalya, Turkey, 25 - 27 November 2013, pp.145-149
- XXXIX. **Sensitivity Analysis in Near Surface Rayleigh Wave Phase Velocities Inversion**
KARSLI H., Şenkaya M., ŞENKAYA M.
The 20th International Geophysical Congress and Exhibition of Turkey, Antalya, Turkey, 25 - 27 November 2013, pp.195-198
- XL. **Effects of Data Acquisition and Layer Parameters on Dispersion Curves in Multichannel Analysis of Surface Waves (MASW) Effects of Data Acquisition and Layer Parameters on Dispersion Curves in Multichannel Analysis of Surface Waves (MASW)**
KARSLI H., Yazıcı G., ŞENKAYA M.
20th International Geophysical Congress & Exhibition of Turkey, Antalya, Turkey, 24 - 27 November 2013
- XLI. **Joint Inversion of Fundamental Mode Rayleigh Dispersion and Vertical Electric Sounding Data: Applications on Model Data**
ŞENKAYA M., KARSLI H.
20th International Geophysical Congress & Exhibition of Turkey, Antalya, Turkey, 24 - 27 November 2013
- XLII. **Contribution of Simplified Surface Waveform Calculation to Separate Dispersion Curves in MASW**
KARSLI H., ŞENKAYA M., GÜNEY R.
7th Congress of the Balkan Geophysical Society, Tiran, Albania, 7 - 10 October 2013, pp.1
- XLIII. **High resolution deconvolution by combining Fx filtering and Cauchy Regularization**
KARSLI H., Recep G., Şenkaya M.
5th Saint Petersburg International Conference and Exhibition Geosciences, Saintpetesburg, Russia, 2 - 05 April 2012, pp.102-105
- XLIV. **High Resolution Deconvolution by Combining Fx Filtering and Cauchy Regularization**
KARSLI H., GÜNEY R., ŞENKAYA M.
International Conference & Exhibition 2 - 5 April 2012 Geosciences, Saint Petersburg, Russia, 2 - 05 April 2012, pp.11
- XLV. **First Arrival Picking in Seismic Refraction Data by Cross-Correlation Technique**
ŞENKAYA M., KARSLI H.
6th Congress of Balkan Geophysical Society, Budapeşte, Hungary, 3 - 06 October 2011
- XLVI. **First Arrival Picking in Seismic Refraction Data by Cross Corelation Technique**
ŞENKAYA M., KARSLI H.
6th Congress of the Balkan Geophysical Society, 3 - 06 October 2011
- XLVII. **First Arrival Picking in Seismic Refraction Data by Cross-correlation Technique**
Şenkaya M., KARSLI H.
6th Balkan Geophysical Congress and Exhibition, Budapest, Hungary, 3 - 06 October 2011, pp.150-154
- XLVIII. **Sismik Kırılma Verilerinde İlk Varış Zamanlarının İlişki Yöntemi İle Belirlenmesi**
Şenkaya M., KARSLI H.
The 19th International Geophysical Congress and Exhibition of Turkey, Ankara, Turkey, 23 - 26 November 2010, no.150, pp.161-163
- XLIX. **Defining First Arrival Times at Seismic Refraction Data Using Correlation Method**
ŞENKAYA M., KARSLI H.
The 19th International Geophysical Congress and Exhibition of Turkey, Ankara, Turkey, 23 - 26 November 2010, pp.120-124
- L. **Sismik Kırılma Verilerinin Tomografi ve Gecikme Zamanı Yöntemleri ile Bileşik Yorumu**
ŞENKAYA M., ÇİLLİYÜZ S., KARSLI H.
4. Jeofizik Mühendisliği Öğrencileri Kongresi, Trabzon, Turkey, 8 - 09 November 2007, pp.22-25

Supported Projects

- AKIN Ö., SAYIL N. L., ÇOBAN K. H., SÜNNETÇİ M. O., ŞENKAYA M., Project Supported by Higher Education Institutions, Yeni Jeofiziksel Parametreler Eklenerek Analitik Hiyerarşi Süreci ile Oluşturulan Heyelan Duyarlılık Çalışmalarının Gelişimine Katkıda Bulunması Trabzon Değirmendere Vadisi Örneği, 2021 - Continues
- Yalçinkaya E., Karşlı H., Babacan A. E., Irmak T. S., Alp H., Şenkaya M., Tekebaş S., Tekin K., Acar Bolat B., TUBITAK Project, Jeofizik Araştırmalar Kullanılarak Güvenilir VS30 Belirleme Standartlarının Oluşturulması, 2022 - 2024
- Şenkaya M., Gürbüz A., TUBITAK Project, 3D architecture of sedimentary, geochemical and geophysical properties of patterned grounds in the Barton Peninsula (King George Island, West Antarctica) : Implications on active layer dynamics of permafrosts, 2021 - 2023
- Şenkaya M., Gürbüz A., TUBITAK Project, Time-Lapse Monitoring of Permafrost Structures in Barton Peninsula (King George Island), 2021 - 2022
- Şenkaya M., Gürbüz A., Karşlı H., TUBITAK Project, Permafrostların Konumsal ve Zamansal Jeofizik Anatomisi, 2019 - 2022
- Şenkaya M., Yer Bilimleri Y., KOSGEB, Hassas Tarım Uygulamalarında Toprak Özelliklerini Ölçen Jeofizik Aygıt İmalatı, 2020 - 2021
- ŞENKAYA M., Karşlı H., BABACAN A. E., TUBITAK Project, Işıklar (Trabzon-Maçka) Potansiyel Heyelan Alanının Bütünleşik Çok Boyutlu Jeofiziksel Anatomisi, Continues
- Şenkaya M., Project Supported by Other Official Institutions, Spatial and Temporal Geophysical Anatomy of Permafrosts (TAE-III-Antarctica), 2018 - 2019
- Şenkaya M., Karşlı H., Project Supported by Higher Education Institutions, Sismik Kırılma Verilerinde İlk Varış Zamanlarının Belirlenmesinde Korelasyon Tekniğinin Uygulama İlkelerinin Araştırılması, 2010 - 2011

Congress and Symposium Activities

- Türkiye 20. Uluslararası Jeofizik Kongre ve Sergisi (20th International Geophysical Congress & Exhibition of Turkey), Session Moderator, Antalya, Turkey, 2013

Scholarships

- 2214/A YURT DIŞI DOKTORA SIRASI ARAŞTIRMA BURS PROGRAMI - Politecnico di Torino (İtalya), TUBITAK, 2016 - 2016
- ERASMUS, Universitat de Barcelona, Spain, European Commission, 2015 - 2015
- ERASMUS, Politecnico di Torino, Italy, European Commission, 2014 - 2014
- ERASMUS, University of Miskolc, Hungary, European Commission, 2013 - 2013

Awards

- ŞENKAYA M., Yüksek Onur (Doktora), KTÜ, November 2017
- ŞENKAYA M., The Best Poster Paper, The Selçuk International Scientific Conference On Applied Sciences, September 2016
- ŞENKAYA M., Best Student Paper, SEG, November 2015
- ŞENKAYA M., Yüksek Onur Öğrencisi (Yüksek Lisans), Karadeniz Teknik Üniversitesi, September 2010
- ŞENKAYA M., Bölüm Birincisi, Onur Öğrencisi (Lisans), Karadeniz Teknik Üniversitesi, September 2007