

## Res. Asst. PhD Ezgi ERBEK

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### Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği/ Yerfiziği A.B.D., Turkey 2012 - 2018

Post Graduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği, Turkey Continues

Under Graduate, Suleyman Demirel University, Mühendislik-Mimarlık Fakültesi, Jeofizik Mühendisliği, Turkey Continues

### Dissertations

Doctorate, GÜNEYBATI ANADOLU'NUN ISIL YAPISI VE EGE HELLENİK YAYI İLE İLİŞKİSİ , Suleyman Demirel University, Mühendislik Fakültesi, Jeofizik Mühendisliği/ Yerfiziği A.B.D., 2018

### Research Areas

Geophysical Engineering, Ground Physics, Space Magnetism, Engineering and Technology

### Academic Titles / Tasks

Research Assistant PhD, Suleyman Demirel University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2011 - Continues

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

- I. **An investigation on the structures and the basement depth estimation in the western Anatolia, Turkey using aeromagnetic data**  
ERBEK E.  
GEOSCIENCES JOURNAL, 2021 (Journal Indexed in SCI)
- II. **Crustal thickness in the Black Sea and surrounding region, estimated from the gravity data**  
BİLİM F., Aydemir A., ATEŞ A., DOLMAZ M. N. , KOŞAROĞLU S., ERBEK E.  
MARINE AND PETROLEUM GEOLOGY, vol.123, 2021 (Journal Indexed in SCI)
- III. **Investigation of the thermal structure and radiogenic heat production through aeromagnetic data for the southeastern Aegean Sea and western part of Turkey**  
ERBEK E., DOLMAZ M. N.  
GEOTHERMICS, vol.81, pp.113-122, 2019 (Journal Indexed in SCI)
- IV. **In situ measurements of radionuclide concentrations in south of Mugla city, Turkey**  
ERBEK E., DOLMAZ M. N.  
ENVIRONMENTAL EARTH SCIENCES, vol.77, no.10, 2018 (Journal Indexed in SCI)

V. **Geophysical researches (gravity and magnetic) of the Eratosthenes Seamount in the eastern Mediterranean Sea**

ERBEK E., DOLMAZ M. N.

ACTA GEOPHYSICA, vol.62, no.4, pp.762-784, 2014 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **ORTA ANADOLU BÖLGESİ ATMOSFER-KABUK ARA YÜZEYİ KABUK YOĞUNLUĞUNUN FRAKTAL BOYUTLAR İLE BELİRLENMESİ**  
ERBEK E., ÖKSÜM E., DOLMAZ M. N.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.8, no.3, pp.703-711, 2020 (Refereed Journals of Other Institutions)
- II. **Çumra- Konya Bölgesindeki Yüksek Genlikli Gravite Anomalilerine Neden Olan Yapıların Araştırılması**  
ERBEK E., DOLMAZ M. N.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.3, pp.1000-1005, 2019 (Refereed Journals of Other Institutions)
- III. **COMPARATIVE STUDY ON EDGE DETECTION METHODS FOR NORTHWEST OF IRAN**  
ERBEK E., DOLMAZ M. N. , RANJITEKANTAPEH S.  
The Online Journal of Science and Technology, vol.9, no.4, pp.238-243, 2019 (Refereed Journals of Other Institutions)
- IV. **The nature and origin of magnetic anomalies over the Gölcük caldera, Isparta, South-Western Turkey.**  
DOLMAZ M. N. , ÖKSÜM E., ERBEK E., TÛTÛNSATAR H. E. , ELİTOK Ö.  
Geofizicheskiy Zhurnal, 2018 (Refereed Journals of Other Institutions)
- V. **The nature and origin of magnetic anomalies over the Golcuk caldera, Isparta, South-Western Turkey**  
DOLMAZ M. N. , ÖKSÜM E., ERBEK E., TUTUNSATAR H. E. , ELİTOK Ö.  
GEOFİZİCHESKIY ZHURNAL-GEOPHYSICAL JOURNAL, vol.40, no.3, pp.145-156, 2018 (Journal Indexed in ESCI)
- VI. **KUZEYBATI İRAN İÇİN YAPI SINIRI ANALİZİ UYGULAMALARI**  
RANJITEKANTAPEH S., ERBEK E., DOLMAZ M. N.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.5, no.3, pp.533-536, 2017 (Refereed Journals of Other Institutions)
- VII. **BODRUM- ÖREN -AKYAKA SAHİL ŞERİDİNDE TORYUM KONSANTRASYON DAĞILIMININ İNCELENMESİ**  
ERBEK E., DOLMAZ M. N.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.5, no.3, pp.489-493, 2017 (Refereed Journals of Other Institutions)
- VIII. **Bodrum- Ören -Akyaka Sahil Şeridinde Toryum Konsantrasyon Dağılımının İncelenmesi**  
ERBEK E., DOLMAZ M. N.  
Journal of Engineering Sciences and Design, vol.5, no.3, pp.489-493, 2017 (Refereed Journals of Other Institutions)
- IX. **Kuzeybatı İnan İçin Yapı Sınırı Analizi Uygulamaları**  
RANJITEKANTAPEH S., ERBEK E., DOLMAZ M. N.  
Journal of Engineering Sciences and Design, vol.5, no.3, pp.533-536, 2017 (Refereed Journals of Other Institutions)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of the thermal structure using aeromagnetic data for the Aegean Region, Turkey**  
DOLMAZ M. N. , ERBEK E.  
International Conferences on Science and Technology, ICONST 2019, Prizren, Serbia, 26 - 30 August 2019, vol.2019, pp.484-489
- II. **Estimation of the Optimum Bouguer Correction Density for the Gravity Anomalies of Southwest Turkey**  
DOLMAZ M. N. , ÖKSÜM E., ERBEK E.

International Congress of Science, Education and Technology Research, Odesa, Ukraine, 10 August 2017 - 12 August 2018, pp.168-172

- III. **The Optimum Bouguer Correction Density For The Northwest Of Iran Obtained By The Fractal Dimensions.**  
DOLMAZ M. N. , ERBEK E., ÖKSÜM E., RANJITEKANTAPEH S.  
V. International Multidisciplinary Congress of Eurasia, Barcelona, Spain, 24 - 26 July 2018, pp.610-611
- IV. **A STUDY ON DETERMINATION OF THE CRUSTAL DENSITY OF THE ATMOSPHERE-CRUST INTERFACE FOR THE CENTRAL ANATOLIA BY USING THE FRACTAL DIMENSIONS**  
DOLMAZ M. N. , ÖKSÜM E., ERBEK E.  
4th International Conference on Engineering and Natural Sciences (ICENS), Kiev, Ukraine, 2 - 06 May 2018, pp.100
- V. **DISTRIBUTION OF MAGNETIC SUSCEPTIBILITY IN THE BODRUM PENINSULA AND ITS VICINITY, TURKEY**  
ERBEK E., ÖKSÜM E., DOLMAZ M. N.  
4th International Conference on Engineering and Natural Sciences (ICENS), Kiev, Ukraine, 2 - 06 May 2018, pp.101
- VI. **Urmia Gölü ve Civarının (KB İran) Manyetik Anomalileri**  
Ranjitekantapeh S., ERBEK E., DOLMAZ M. N.  
Engineers of Future International Student Symposium (EFIS), Zonguldak, Turkey, 15 - 17 June 2017, pp.26
- VII. **Heat Flow And Distribution Of B - Values In Aegean Sea**  
ERBEK E., KALYONCUOĞLU Ü. Y. , DOLMAZ M. N.  
3RD International Conference on Engineering and Natural Sciences (ICENS), Budapest, Hungary, 3 - 07 May 2017, pp.610
- VIII. **A Suggested Magnetic Anomaly Model Of The Trachytic Dome In SW Of The Golcuk Crater Lake, Isparta, Turkey**  
DOLMAZ M. N. , ÖKSÜM E., ERBEK E., TÛTÛNSATAR H. E.  
3RD International Conference on Engineering and Natural Sciences (ICENS), Budapest, Hungary, 3 - 07 May 2017, pp.536
- IX. **Correlation Of Thermal Structure And Vp Velocities Of The Aegean Region**  
ERBEK E., DOLMAZ M. N.  
3RD International Conference on Engineering and Natural Sciences (ICENS), Budapest, Hungary, 3 - 07 May 2017, pp.567
- X. **Investigation Magnetic Susceptibility of Akyaka Ören Bodrum Turkey**  
ERBEK E., DOLMAZ M. N.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, vol.1, pp.1723
- XI. **Investigation Magnetic susceptibility of Akyaka Oren Bodrum Turkey**  
ERBEK E., DOLMAZ M. N.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016
- XII. **Radiogenic Heat Production RHP of Bodrum Peninsula and Its Vicinity SW Turkey**  
ERBEK E., TÛTÛNSATAR H. E. , DOLMAZ M. N.  
7TH INTERNATIONAL GEOSCIENCES STUDENT CONFERENCE, Katowice, Poland, 11 - 14 July 2016
- XIII. **Boundary analysis applications for the magnetic anomalies of the Black Sea**  
TÛTÛNSATAR H. E. , ERBEK E., DOLMAZ M. N.  
7TH INTERNATIONAL GEOSCIENCES STUDENT CONFERENCE, Katowice, Poland, 11 - 14 July 2016
- XIV. **INTERPRETATION OF MAGNETIC DATA OF THE BLACK SEA USING ANALYTIC SIGNAL METHODS**  
TÛTÛNSATAR H. E. , ERBEK E., DOLMAZ M. N.  
31st IUGGConference on Mathematical Geophysics, Paris, France, 6 - 10 June 2016
- XV. **Preliminary Results Of Gamma Ray Measurements In Bodrum Peninsula SW Turkey**  
ERBEK E., TÛTÛNSATAR H. E. , DOLMAZ M. N.  
31st IUGGConference on Mathematical Geophysics, Paris, France, 6 - 10 June 2016
- XVI. **GEOTHERMAL INVESTIGATIONS IN SANDIKLI AFYON CITY SW TURKEY**  
Şahin b., DOLMAZ M. N. , TÛTÛNSATAR H. E. , ERBEK E.

International Conference on Engineering and Natural Sciences (ICENS) 2016, Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016, pp.131

**XVII. Geothermal investigations in Sandıklı Afyon city SW Turkey**

ŞAHİN B., DOLMAZ M. N., TÜTÜNSATAR H. E., ERBEK E.

International Conference on Engineering and Natural Sciences, Saraybosna, Bosnia And Herzegovina, 24 - 28 May 2016, vol.2016, pp.131

**XVIII. Gravity and magnetic studies in Aegean Sea**

ERBEK E., DOLMAZ M. N.

6th International Geosciences Student Conference, Czech Republic, 13 - 16 July 2015

**XIX. Ege Denizi Volkanik Yayının Jeofizik İzleri**

ERBEK E., DOLMAZ M. N.

GYK Genç Yerbilimleri Kongresi, Turkey, 5 - 07 June 2015

**XX. Edge detection applications of magnetic anomalies of Gölcük caldera**

DOLMAZ M. N., ERBEK E., TÜTÜNSATAR H. E., ÖKSÜM E.

ICENS International Conference On Engineering And Natural Science, Macedonia, 15 - 19 May 2015

**XXI. Edge Detection Applications of Magnetic Anomalies of Gölcük Caldera Isparta SW Turkey**

DOLMAZ M. N., ERBEK E., ÖKSÜM E., TÜTÜNSATAR H. E.

1st International Conference on Engineering and Natural Sciences (ICENS), Üsküp, Macedonia, 15 - 19 May 2015, vol.1, pp.51

**XXII. Applications of HGAS and NSTD methods on the magnetic anomaly of Eratosthenes Seamount the Eastern Mediterranean**

ERBEK E., DOLMAZ M. N.

4th International Geosciences Student Conference, Berlin, Germany, 25 - 29 April 2013

## Citations

Total Citations (WOS):6

h-index (WOS):1