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Education Information

Doctorate, Istanbul University, Fen Bilimleri Enstitüsü, Fen Bilimleri, Turkey Continues

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

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

Foreign Languages

German, B2 Upper Intermediate

English, B2 Upper Intermediate

Dissertations

Doctorate, İstanbul Fragmanı'nın Ordovisiyen Dönemindeki Tektonik Evriminin Paleomağnetik Verilerle Belirlenmesi, Istanbul University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği Abd, 2013

Post Graduate, Van Gölü Civarı Havadan Mağnetik Verilerinin Kantitatif Yorumu, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği Abd, 2006

Research Areas

Geophysical Engineering, Applied Geophysics, Archeo-geophysical, Electro Magnetic and Electrical Methods, Gravity, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Suleyman Demirel University, Mühendislik Fakültesi, Jeofizik Mühendisliği Bölümü, 2013 - Continues

Research Assistant, Suleyman Demirel University, Mühendislik Fakültesi, Jeofizik Mühendisliği Bölümü, 2004 - 2013

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

- An improved approach for detecting ridge locations to interpret the potential field data for more accurate structural mapping: A case study from Vredefort dome area (South Africa)**
Luan Thanh Pham L. T. P. , ÖKSÜM E., Minh Duc Vu M. D. V. , Quynh Thanh Vo Q. T. V. , Khuong Du Le-Viet K. D. L. , Eldosouky A. M.
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- VI. **MagB_inv: A high performance Matlab program for estimating the magnetic basement relief by inverting magnetic anomalies**
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- VII. **Inverting gravity anomalies over the Burdur sedimentary basin, SW Turkey**
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- VIII. **GPR and ERT explorations at the archaeological site of Kilic village (Isparta, SW Turkey)**
YILMAZ S., BALKAYA Ç., ÇAKMAK O., ÖKSÜM E.
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- IX. **Neotectonic structures imaged by seismic velocity along the Isparta Angle**
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- X. **Edge enhancement of potential field data using the logistic function and the total horizontal gradient**
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- XIV. **The tectonic history of the Nide-Krehir Massif and the Taurides since the Late Mesozoic: Paleomagnetic evidence for two-phase orogenic curvature in Central Anatolia**
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- XX. **An attempt to use aerial gamma-ray spectrometry results in petrochemical assessments of the volcanic and plutonic associations of Central Anatolia (Turkey)**
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- I. **ORTA ANADOLU BÖLGESİ ATMOSFER-KABUK ARA YÜZEYİ KABUK YOĞUNLUĞUNUN FRAKTAL BOYUTLAR İLE BELİRLENMESİ**
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- II. **Determination of volcanic structures in and around Nevşehir by seismic attenuation method**
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- III. **LAS: A combination of the analytic signal amplitude and the generalised logistic function as a novel edge enhancement of magnetic data**
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- IV. **Estimation of Curie point depths in the Southern Vietnam continental shelf using magnetic data**
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- VI. **ISPARTA KILIÇ ÖREN MEVKİİNDE BİR KAÇAK KAZI ALANINDA ELEKTRİK ÖZDİRENÇ TOMOGRAFİ ARAŞTIRMASI**
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- VIII. **An improved space domain algorithm for determining the 3-D structure of the magnetic basement**
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- X. The Relation between Heat Flow Obtained by Curie Depth Point (CDP) and the Faults and Gas Leaks in the Black Sea**
TÜTÜNSATAR H. E. , DOLMAZ M. N. , ÖKSÜM E., OKYAR M., KALYONCUOĞLU Ü. Y. , Starostenko V., Kutas R., Rusakov O., Legostaeva O., HİSARLI Z. M.
Physics and Astronomy International Journal, vol.2, no.1, pp.65-68, 2018 (Refereed Journals of Other Institutions)
- XI. Manyetik Anomalilere Neden Olan Basit Şekli Yer Altı Yapılarının Derinlik ve Geometrilerinin Analitik Sinyal Tekniği Kullanılarak Tahmini**
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Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.2, pp.993-997, 2018 (Other Refereed National Journals)
- XII. Doğu Akdeniz'in Kabuk Yapısı ve Sismik Hız Dağılımının Üç Boyutlu Sismik Tomografi ile Belirlenmesi**
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- XIII. New method for edges detection of magnetic sources using logistic function**
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- XIV. The nature and origin of magnetic anomalies over the Gölcük caldera, Isparta, South-Western Turkey.**
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- XV. The nature and origin of magnetic anomalies over the Golcuk caldera, Isparta, South-Western Turkey**
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- XVI. TERKEDİLMİŞ KROMİT MADEN SAHASININ GRAVİTE VE MANYETİK YÖNTEMLER İLE YENİDEN İŞLETİLEBİLİRLİĞİNİN ARAŞTIRILMASI**
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- XVII. DETERMINATION OF MAXIMUM TILT ANGLE FROM ANALYTIC SIGNAL AMPLITUDE OF MAGNETIC DATA BY THE CURVATURE-BASED METHOD**
PHAM L. T. , LE H., ÖKSÜM E., DO T. D.
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- XVIII. Güneydoğu Anadolu Çarpışma Kuşağındaki Malatya Elazığ Bingöl Diyarbakır Adıyaman Litosferik Yapının Manyetik ve Gravimetrik Yöntemler ile Araştırılması**
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İstanbul Yerbilimleri Dergisi (E.A:İstanbul Üniversitesi Mühendislik Fakültesi Yerbilimleri Dergisi), vol.22, no.2, pp.105-118, 2009 (National Refreed University Journal)
- XIX. Güneydoğu Anadolu Çarpışma Kuşağındaki Malatya Elazığ Bingöl Diyarbakır Adıyaman Litosferik Yapının Manyetik ve Gravimetrik Yöntemler ile Araştırılması**
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- XX. Prizma Modelleri Kullanılarak Sentetik Mağnetik Anomalilerinin Gauss- Newton Yöntemi ile Ters Çözümlemesi**
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- XXI. Prizma Modelleri Kullanılarak Sentetik Mağnetik Anomalilerinin Gauss- Newton Yöntemi ile Ters**

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Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.3, pp.437-446, 2006 (National Refereed University Journal)

XXII. **Prizma modelleri kullanılarak sentetik mağnetik anomalilerin Gauss Newton yöntemi ile ters çözümlenmesi**

ÖKSÜM E., DOLMAZ M. N.

SDÜ Fen Bilimleri Enst. Dergisi, vol.10, no.3, pp.437-446, 2006 (Other Refereed National Journals)

XXIII. **Gravite Anomalilerinin Üç Boyutlu 3 B Modellenmesine Dayanılarak Yapı Derinliğinin Belirlenmesine Bir Yaklaşım**

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XXIV. **Gravite Anomalilerinin Üç Boyutlu 3 B Modellenmesine Dayanılarak Yapı Derinliğinin Belirlenmesine Bir YaklaşımAN ATTEMPT TO DEFINE DEPTH OF THE STRUCTURE BASED ON THREE DIMENSIONAL (3-D) MODELING OF GRAVITY ANOMALIES**

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Books & Book Chapters

- I. **Evidence of Late Cretaceous oroclinal bending in north-central Anatolia: palaeomagnetic results from Mesozoic and Cenozoic rocks along the Izmir-Ankara-Erzincan Suture Zone**
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Refereed Congress / Symposium Publications in Proceedings

- I. **An Attempt to Depth Estimate and Boundaries of Burdur Sedimentary Basin, SW Turkey Using Geophysical Methods**
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- VI. **DISTRIBUTION OF MAGNETIC SUSCEPTIBILITY IN THE BODRUM PENINSULA AND ITS VICINITY, TURKEY**
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- VIII. **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.
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- IX. **Attenuation tomography in East Marmara Region, Turkey**
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- XIII. **A graphical user interface for depth and structural index estimation of simple shaped magnetic structures based on an analytical signal approach**
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- XIV. **A Suggested Magnetic Anomaly Model Of The Trachytic Dome In SW Of The Golcuk Crater Lake, Isparta, Turkey**
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- XV. **Ground Penetrating Radar and Magnetic Mapping of anArchaeological Site at Kılıç Village Isparta Turkey**
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- XVI. **A geophysical investigation for natural emery rock exploration innorthern Kozağaç Yatağan Muğla area western Turkey**
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- XVIII. **Edge detection applications of magnetic anomalies of Gölcük caldera**
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XX. **Evaluation of Gravity and Magnetic Imprints of the Eastern Anatolian Collision Zone**

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XXI. **MBDEPX4 An interactive tool for Curie Point Depth CPD estimation from spectral analyzes of magnetic data**

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XXII. **Understanding the Tectonic Deformation of Turkish Blocks since Mesozoic A Paleomagnetic study on the Niğde Kirsehir Massif and the Taurides**

CENGİZ ÇİNKU M., HİSARLI Z. M. , ÜLKER B., KAYA N., ÖKSÜM E., YILMAZ Y., ORBAY N.

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XXIV. **Paleogeographic Position of the Istanbul Fragment at Ordovician Age by Paleomagnetic Data**

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The 20th International Geophysical Congress and Exhibition of Turkey, Antalya, Turkey, 25 - 27 October 2013, pp.211-215

XXV. **Preliminary Results of the Joint Nasu – Tubitak Project “The Thermal Structure of the Crust in the Black Sea From Magnetic and Heat Flow Data**

STAROSTENKO V., DOLMAZ M. N. , ROMAN K., RUSAKOV O. M. , ÖKSÜM E., HİSARLI Z. M. , OKYAR M., KALYONCUOĞLU Ü. Y. , TÜTÜNSATAR H. E. , LEGOSTAEVA O.

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Citations

Total Citations (WOS):58

h-index (WOS):5