

Prof. BEKİR LEVENT MESCİ

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (Dr), Turkey 1999 - 2004

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği (YI) (Tezli), Turkey 1994 - 1998

Undergraduate, Sivas Cumhuriyet University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1987 - 1991

Foreign Languages

English, B2 Upper Intermediate

Research Areas

General Geology, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2014 - Continues

Assistant Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2005 - 2014

Research Assistant, Sivas Cumhuriyet University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1994 - 2005

Academic and Administrative Experience

Deputy Head of Department, Sivas Cumhuriyet University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2020 - Continues

Deputy Head of Department, Sivas Cumhuriyet University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2014 - 2016

Courses

Uzmanlık Alan Dersi, Doctorate, 2019 - 2020

Jeolojide Saha Uygulamaları, Postgraduate, 2018 - 2019

Uzmanlık Alan Dersi, Postgraduate, 2018 - 2019

Jeolojide Bilgisayar Uygulamaları, Postgraduate, 2018 - 2019
Bilgisayar - II, Undergraduate, 2017 - 2018
Tez Çalışması, Postgraduate, 2018 - 2019
Yer Bilimi, Undergraduate, 2016 - 2017
Seminer Dersi, Doctorate, 2017 - 2018
Acil Durum Planları, Postgraduate, 2016 - 2017
Bilgisayar - I, Undergraduate, 2017 - 2018
Yer Bilimi, Undergraduate, 2016 - 2017
Acil Durum Planları, Postgraduate, 2016 - 2017
Traverten Tektoniği, Postgraduate, 2017 - 2018
Temel Bilgi Teknolojileri Kullanımı, Undergraduate, 2016 - 2017
İş Sağlığı ve Güvenliği Kavram, Kural ve Mevzuatı, Postgraduate, 2016 - 2017
İş Sağlığı ve Güvenliği Kavram, Kural ve Mevzuatı, Postgraduate, 2016 - 2017
Temel Bilgisayar Bilimleri, Undergraduate, 2015 - 2016
Temel Bilgi Teknolojileri - II, Undergraduate, 2015 - 2016
Temel Bilgisayar Bilimleri, Undergraduate, 2015 - 2016
Temel Bilgi Teknolojileri - I, Undergraduate, 2016 - 2017
Temel Bilgi Teknolojileri - II, Undergraduate, 2015 - 2016
Seminer Dersi, Postgraduate, 2016 - 2017
Temel Bilgi Teknolojileri Kullanımı, Undergraduate, 2016 - 2017
Temel Bilgi Teknolojileri - I, Undergraduate, 2016 - 2017
Temel Bilgisayar Bilimleri, Undergraduate, 2014 - 2015
Temel Bilgisayar Bilimleri, Undergraduate, 2013 - 2014
Harita Kampı, Undergraduate, 2012 - 2013
Temel Bilgisayar Teknolojileri Kullanımı, Undergraduate, 2013 - 2014
Harita Kampı, Undergraduate, 2012 - 2013
Genel Jeoloji, Associate Degree, 2012 - 2013
Temel Bilgisayar Teknolojileri Kullanımı, Undergraduate, 2011 - 2012
Saha Jeolojisi II, Undergraduate, 2008 - 2009

Advising Theses

Mesci B. L., Yenice (Denizli) Travertenlerinin Morfolojik ve Tektonik Özellikleri, Postgraduate, Ö.EKİZOĞLU(Student), 2017
MESCİ B. L., Diyadin (Ağrı) travertenlerinin gelişimi morfolojik ve aktif tektonik özellikleri, Postgraduate, H.EMRE(Student), 2014

Jury Memberships

Doctorate, Doctorate, Sivas Cumhuriyet Üniversitesi, September, 2020
Doctoral Examination, Doctoral Examination, Sivas Cumhuriyet Üniversitesi, January, 2020
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, September, 2019
Post Graduate, Post Graduate, Yozgat Bozok Üniversitesi, June, 2019
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, May, 2019
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, March, 2019
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, July, 2017
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, February, 2017
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, December, 2015
Doctorate, Doctorate, Fırat Üniversitesi, December, 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Primary report of first documentation of mammal footprints from the late Oligocene in the Sivas Basin, Turkey**
MESCI B. L., Erkman A. C., Ozkurt S. O.
TURKISH JOURNAL OF EARTH SCIENCES, vol.28, no.6, pp.822-833, 2019 (SCI-Expanded)
- II. **Fossil findings from the Sicak Cermik fissure ridge-type travertines and possible hominid tracks, Sivas, Central Turkey**
MESCI B. L., ERKMAN A. C., GÜRSOY H., TATAR O.
GEODINAMICA ACTA, vol.30, no.1, pp.15-30, 2017 (SCI-Expanded)
- III. **Palaeomagnetic evidence for the neotectonic evolution of the Erzincan Basin, North Anatolian Fault Zone, Turkey**
TATAR O., AKPINAR Z., GÜRSOY H., Piper J. D. A., KOÇBULUT F., MESCI B. L., Polat A., Roberts A. P.
JOURNAL OF GEODYNAMICS, vol.65, pp.244-258, 2013 (SCI-Expanded)
- IV. **New observations on the 1939 Erzincan Earthquake surface rupture on the Kelkit Valley segment of the North Anatolian Fault Zone, Turkey**
GÜRSOY H., TATAR O., AKPINAR Z., Polat A., Mesci L., Tuncer D.
JOURNAL OF GEODYNAMICS, vol.65, pp.259-271, 2013 (SCI-Expanded)
- V. **The efficacy of travertine as a palaeoenvironmental indicator: palaeomagnetic study of neotectonic examples from Denizli, Turkey**
MESCI B. L., TATAR O., Piper J. D. A., GÜRSOY H., Altunel E., Crowley S.
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, no.2, pp.191-203, 2013 (SCI-Expanded)
- VI. **Crustal deformation and kinematics of the Eastern Part of the North Anatolian Fault Zone (Turkey) from GPS measurements**
TATAR O., POYRAZ F., GÜRSOY H., Çakır Z., Ergintav S., AKPINAR Z., KOÇBULUT F., Sezen F., TÜRK T., HASTAOĞLU K. Ö., et al.
TECTONOPHYSICS, vol.518, pp.55-62, 2012 (SCI-Expanded)
- VII. **Palaeomagnetic study of the Kepezdag and Yamadag volcanic complexes, central Turkey: Neogene tectonic escape and block definition in the central-east Anatolides**
Gursoy H., Tatar O., Piper J. D. A., Kocbulut F., AKPINAR Z., Huang B., Roberts A. P., Mesci B. L.
JOURNAL OF GEODYNAMICS, vol.51, no.5, pp.308-326, 2011 (SCI-Expanded)
- VIII. **Distributed neotectonic deformation in the Anatolides of Turkey: A palaeomagnetic analysis**
Piper J. D. A., Gursoy H., Tatar O., Beck M. E., Rao A., Kocbulut F., Mesci B. L.
TECTONOPHYSICS, vol.488, pp.31-50, 2010 (SCI-Expanded)
- IX. **Palaeomagnetic study of Tertiary volcanic domains in Southern Turkey and Neogene anticlockwise rotation of the Arabian Plate**
Gursoy H., Tatar O., Piper J. D. A., Heimann A., Kocbulut F., Mesci B. L.
TECTONOPHYSICS, vol.465, pp.114-127, 2009 (SCI-Expanded)
- X. **Determination of neotectonic features of the Karasu Basin (SE Turkey) and their relationship with Quaternary volcanic activity using Landsat ETM plus imagery**
KAVAK K. Ş., TATAR O., Piper J., KOÇBULUT F., MESCI B. L.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.30, no.17, pp.4507-4524, 2009 (SCI-Expanded)
- XI. **The evolution of travertine masses in the Sivas area (Central Turkey) and their relationships to active tectonics**
MESCI B. L., GÜRSOY H., TATAR O.
TURKISH JOURNAL OF EARTH SCIENCES, vol.17, no.2, pp.219-240, 2008 (SCI-Expanded)
- XII. **Palaeomagnetic and rock magnetic properties of travertine: Its potential as a recorder of geomagnetic palaeosecular variation, environmental change and earthquake activity in the Sicak Cermik geothermal field, Turkey**
Piper J. D. A., Mesci L. B., Gursoy H., Tatar O., Davies C. J.
PHYSICS OF THE EARTH AND PLANETARY INTERIORS, vol.161, pp.50-73, 2007 (SCI-Expanded)

- XIII. **Paleomagnetic analysis of neotectonic deformation in the Anatolian accretionary collage, Turkey**
Piper J., TATAR O., GÜRSOY H., KOÇBULUT F., MESCİ B. L.
Special Paper of the Geological Society of America, vol.409, pp.417-439, 2006 (SCI-Expanded)
- XIV. **Neotectonic deformation linking the east Anatolian and Karatas-Osmaniye intracontinental transform fault zones in the Gulf of Iskenderun, southern Turkey, deduced from paleomagnetic study of the Ceyhan-Osmaniye volcanics**
Gursoy H., Tatar O., Piper J., Heimann A., Mesci L.
TECTONICS, vol.22, no.6, 2003 (SCI-Expanded)
- XV. **Palaeomagnetic study of the Karaman and Karapinar volcanic complexes, central Turkey: neotectonic rotation in the south-central sector of the Anatolian Block**
Gursoy H., Piper J., Tatar O., Mesci L.
TECTONOPHYSICS, vol.299, pp.191-211, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Anatomy of a Landslide: Evaluation of the Importance of Basic Geological Investigations as exemplified in the Kuzulu (Koyulhisar – Sivas, Türkiye) Landslide of 17 March 2005**
GÜRSOY H., TATAR O., MESCİ B. L., CANBAZ O., POLAT A., AKPINAR Z.
TURKIYE JEOLOJİ BULTENİ-GEOLOGICAL BULLETIN OF TURKEY, vol.67, no.1, pp.51-70, 2024 (ESCI)
- II. **Geoarchaeological investigation of the utilization of travertine from the Kırşehir Kale Höyük (mound), Central Anatolia, Turkey**
Adibelli I. A., Mesci B. L., Erkman A. C.
Asian Archaeology, vol.6, no.2, pp.186-199, 2022 (Peer-Reviewed Journal)
- III. **An Extensional Fracture Acting as Hot Water Source for Travertine Deposition on the North Anatolian Fault Zone, Turkey: the Resadiye Fissure-Ridge**
MESCİ B. L., GÜRSOY H., Ghaleb B., TATAR O.
TURKIYE JEOLOJİ BULTENİ-GEOLOGICAL BULLETIN OF TURKEY, vol.63, no.2, pp.145-160, 2020 (ESCI)
- IV. **Topikal Nitrofurazon Uygulamasının Kısmi Kalınlıkta Yara İyileşmesine Etkisi**
KURT ÖZKAYA N., NAZIM G., YILMAZ S., MESCİ B. L., ÇINAR Z.
Türk Plastik Rekonstrüktif Estetik Cerrahi Dergisi, vol.23, no.3, pp.113-117, 2015 (Peer-Reviewed Journal)
- V. **Özgün Niteliklere Sahip Travertenler ve Önemleri Sivas Yöresi Travertenlerinden Örnekler**
MESCİ B. L.
Türkiye Jeoloji Bülteni, vol.56, no.1, pp.23-37, 2013 (Peer-Reviewed Journal)
- VI. **Post collisional deformation of the Anatolides and motion of the Arabian indenter a paleomagnetic analysis**
PIPER J., TATAR O., GÜRSOY H., MESCİ B. L., KOÇBULUT F., HUANG B.
Donald D. Harrington Symposium on the Geology of the Aegean, IOP Conference Series, vol.2, pp.1-5, 2008 (Non Peer-Reviewed Journal)
- VII. **The magnetism in tectonically controlled travertine as a palaeoseismological tool: Examples from the Sicak Çermik geothermal field, central Turkey**
GÜRSOY H., MESCİ B. L., Piper J., TATAR O., Davies C.
Geological Society Special Publication, vol.291, pp.291-305, 2007 (Scopus)
- VIII. **Palaeomagnetic and rock magnetic studies of layered and fissure fill travertine a signature of geomagnetic palaeosecular variation earthquake activity and environmental change**
GÜRSOY H., MESCİ B. L., PIPER J., TATAR O.
5th International Symposium on Eastern Mediterranean Geology, Proceedings Book, vol.2, pp.977, 2004 (Non Peer-Reviewed Journal)
- IX. **12 Kasım 1999 Düzce Depremi ve Bölgesel Anlamı**
ÖZDEN S., TATAR O., MESCİ B. L., KOÇBULUT F., TUTKUN S. Z., DOĞAN B., Tüvar O.
Türkiye Jeoloji Bülteni, pp.61-69, 2000 (Peer-Reviewed Journal)

- X. **12 Kasım 1999 Düzce depremi ve bölgesel tektonik anlamı**
ÖZDEN S., TATAR O., MESCİ B. L., KOÇBULUT F., TUTKUN S. Z., DOĞAN B., TUVAR O.
Türkiye Jeoloji Bülteni, vol.43, no.2, pp.61-69, 2000 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **The magnetism in tectonically controlled travertine as a palaeoseismological tool: examples from the Sıcak Cermik geothermal field, central Turkey**
GÜRSOY H., MESCİ B. L., JOHN DA P., TATAR O., CJ D.
in: The Geodynamics of the Aegean and Anatolia, Tuncay Taymaz, Yücel Yılmaz, Yıldırım Dilek, Editor, Geological Society of London, Londrina, pp.291-305, 2007
- II. **The Magnetism in Tectonically Controlled Travertine as a Palaeoseismological Tool: examples from the Sıcak Çermik geothermal field, Central Turkey**
GÜRSOY H., MESCİ B. L., PIPER J., TATAR O., DAVIES C.
in: The Geodynamics of the Aegean and Anatolia, T.Taymaz, Y.Yılmaz and Y.Dilek, Editor, geological society of London, Londrina, pp.291-305, 2007
- III. **Neotectonic deformation in Anatolia: a synthesis of palaeomagnetic evidence**
PIPER J., TATAR O., GÜRSOY H., KOÇBULUT F., MESCİ B. L.
in: Post Collisional Tectonics Magmatism in the Eastern Mediterranean Region, Yıldırım Dilek, Spyros Pavlides, Editor, Geological Society of America, pp.417-439, 2006

Refereed Congress / Symposium Publications in Proceedings

- I. **Paleomagnetic analysis of crustal deformation in the Anatolian accretionary collage and its neotectonic significance in the evolution of the Turkish sector of the eastern Mediterranean region.**
TATAR O., PIPER J., GÜRSOY H., KOÇBULUT F., MESCİ B. L., POLAT A., AKPINAR Z.
Geophysical Research, 15 - 20 April 2007
- II. **Aktif fay zonlarında gelişen doğal afetlere güncel bir örnek: 17 Mart 2005 Kuzulu (Koyuluhisar-Sivas) heyelanı ve bölgenin temel jeolojik özellikleri.**
GÜRSOY H., TATAR O., MESCİ B. L., KOÇBULUT F., AKPINAR Z.
I. Heyelan Sempozyumu., Trabzon, Turkey, 30 November - 02 December 2006
- III. **Neotectonic Deformation in the Transition Zone Between the Dead Sea Transform and the East Anatolian Fault Zone, Southern Turkey: A Palaeomagnetic Study of the Karasu Rift Volcanism.**
TATAR O., PIPER J., GÜRSOY H., HEIMANN A., KOÇBULUT F., MESCİ B. L.
International Workshop on the North Anatolian and Dead Sea Fault Systems, 31 August - 12 September 2003

Activities in Scientific Journals

Türkiye Jeoloji Bülteni, Committee Member, 2018 - Continues
Türkiye Jeoloji Bülteni, Assistant Editor/Section Editor, 2012 - 2019

Memberships / Tasks in Scientific Organizations

TMMOB Jeoloji Mühendisleri Odası, Member, 2012 - Continues

Metrics

Publication: 90

Citation (WoS): 418

Citation (Scopus): 458

H-Index (WoS): 11

H-Index (Scopus): 11