



11-17-2023

Cover and Contents

Follow this and additional works at: <https://journals.tubitak.gov.tr/earth>

Recommended Citation

(2023) "Cover and Contents," *Turkish Journal of Earth Sciences*: Vol. 32: No. 7, Article 1. Available at: <https://journals.tubitak.gov.tr/earth/vol32/iss7/1>

This Cover and Contents is brought to you for free and open access by TÜBİTAK Academic Journals. It has been accepted for inclusion in Turkish Journal of Earth Sciences by an authorized editor of TÜBİTAK Academic Journals. For more information, please contact academic.publications@tubitak.gov.tr.

VOLUME | ISSUE | YEAR
32 | 7 | 2023
ISSN 1300-0985 • E-ISSN 1303-619X

TURKISH JOURNAL OF
EARTH
SCIENCES

<http://journals.tubitak.gov.tr/earth/>



Published by the Scientific and
Technological Research Council of Türkiye

TÜBİTAK

TURKISH JOURNAL OF EARTH SCIENCES

Editor-in-Chief

Orhan TATAR, Sivas Cumhuriyet University, Türkiye

VOLUME 32 • ISSUE 7 • 2023

Assistant Editor-in-Chief

Baochun HUANG, Peking University, P.R. China

ISSN 1300-0985 • E-ISSN 1303-619X

SCOPE OF JOURNAL

- The Turkish Journal of Earth Sciences is published electronically 6 times a year by the Scientific and Technological Research Council of Turkey (TÜBİTAK).
- It is an international English-language journal for the publication of significant original recent research in a wide spectrum of topics in the earth sciences, such as geology, structural geology, tectonics, sedimentology, geochemistry, geochronology, palaeontology, igneous and metamorphic petrology, mineralogy, biostratigraphy, geophysics, geomorphology, palaeoecology and oceanography, and mineral-deposits.
- The journal publishes the highest quality papers and comprehensive review papers on hot topics of current interest, with high quality illustrations.
- Submitted papers should have regional implications and attract international interest as the journal aims to provide a medium for interdisciplinary papers that would be of interest to many different specialists.
- Specialized papers can be submitted if they illustrate significant progress in that specific area of the earth sciences. In addition to original and review articles, we are also interested in publishing discussions of papers that have already appeared in recent issues of the journal.
- The journal also publishes thematic sets of papers on topical aspects of geology or special issues of selected papers from conferences.
- Short articles (6 printed pages maximum) for rapid publication reporting a significant advance in the earth sciences with regional impact are welcome. Contribution is open to researchers of all nationalities.

EDITORIAL BOARD

- Alan COLLINS, University of Adelaide, Australia
- Ali İhsan KARAYIĞİT, Hacettepe University, Türkiye
- Alper BABA, İzmir Institute of Technology, Türkiye
- Anastasia KIRATZI, Aristotle University of Thessaloniki, Greece
- Ayşe ÖZDEMİR, Van Yüzüncü Yıl University, Türkiye
- Azad SAĞLAM SELÇUK, Van Yüzüncü Yıl University, Türkiye
- Bilal SARI, Dokuz Eylül University, Türkiye
- Bing SHEN, Peking University, China
- Cenk YALTIRAK, İstanbul Technical University, Türkiye
- Chun-Ming WU, University of Chinese Academy of Sciences, China
- Cüneyt ŞEN, Karadeniz Technical University, Türkiye
- Dornadula CHANDRASEKHARAM, Indian Institute of Technology, India
- Ercan ALDANMAZ, Kocaeli University, Türkiye
- Ercan ÖZCAN, İstanbul Technical University, Türkiye
- Erdin BOZKURT, Middle East Technical University, Türkiye
- Erhan ALTUNEL, Eskişehir Osmangazi University, Türkiye
- Fadime SERTÇELİK, Kocaeli University, Türkiye
- Gültekin TOPUZ, İstanbul Technical University, Türkiye
- Gürol SEYİTOĞLU, Ankara University, Türkiye
- H. Serdar AKYÜZ, İstanbul Technical University, Türkiye
- Hadii Shafaii MOGHADAM, Damghan University, Iran
- Halil GÜRSOY, Sivas Cumhuriyet University, Türkiye
- Haluk ÖZENER, Boğaziçi University, Türkiye
- Hasan SÖZBİLİR, Dokuz Eylül University, Türkiye
- Iain STEWART, University of Plymouth, United Kingdom
- İsmail Ömer YILMAZ, Middle East Technical University, Türkiye
- Leigh ROYDEN, Massachusetts Institute of Technology, U.S.A.
- M. Cihat ALÇIÇEK, Pamukkale University, Türkiye
- Muazzez ÇELİK KARAKAYA, Konya Technical University, Türkiye
- Mustapha MEGHRAOUI, University of Strasbourg, France
- Naki AKÇAR, Bern University, Switzerland
- Neslihan OCAKOĞLU GÖKAŞAN, İstanbul Technical University, Türkiye
- Nilgün GÜLEÇ, Middle East Technical University, Türkiye
- Nilgün OKAY, İstanbul Technical University, Türkiye
- Nuretdin KAYMAKÇI, Middle East Technical University, Türkiye
- Oğuz Hakan GÖĞÜŞ, İstanbul Technical University, Türkiye
- Orhan KARSLI, Recep Tayyip Erdoğan University, Türkiye
- Osman CANDAN, Dokuz Eylül University, Türkiye
- Osman PARLAK, Çukurova University, Türkiye
- Oya PAMUKÇU, Dokuz Eylül University, Türkiye
- Özcan Yiğit, Çanakkale Onsekiz Mart University, Türkiye
- Qingju WU, Institute of Geophysics, China
- Riccardo CAPUTO, University of Ferrara, Italy
- Sabah YILMAZ ŞAHİN, İstanbul University-Cerrahpaşa, Türkiye
- Sanzhong LI, Ocean University of China, China
- Sarah BOULTON, Plymouth University, United Kingdom
- Seda YOLSAL ÇEVİKBİLEN, İstanbul Technical University, Türkiye
- Semih ERGİNTAV, Boğaziçi University, Türkiye
- Sevinç ÖZKAN ALTINER, Middle East Technical University, Türkiye
- Sibel TATAR ERKÜL, Akdeniz University, Türkiye
- Spyros PAVLIDES, Aristotle University of Thessaloniki, Greece
- Timur USTAÖMER, İstanbul University-Cerrahpaşa, Türkiye
- Yener EYÜBOĞLU, Karadeniz Technical University, Türkiye
- Yixian XU, Zhejiang University, China
- Yunpeng DONG, Northwest University, China

ABSTRACTED AND INDEXED

- Science Citation Index Expanded
- Scopus
- Academic Search Complete
- Inspec

CONTENTS

Almacık Complex—an exhumed lower to middle crust in northwest Anatolia	833
Aral I. OKAY, Andrew R.C. KYLANDER-CLARK, Sarah SHERLOCK	
Middle Eocene <i>Alveolina</i> -dominated benthic foraminiferal assemblages of the western flank of the Isparta Angle (SW Türkiye): Taxonomy, biostratigraphy, microfacies analysis, and paleoenvironmental implications	854
Alper BOZKURT, Muhittin GÖRMÜŞ, Banu TÜRKMEN BOZKURT	
More evidence of tropical conditions in the Middle Eocene Climatic Optimum (MECO) with new fossil woods from North-Central Türkiye	880
Ünal AKKEMİK, Fikret KOÇBULUT, Özlem TOPRAK, Umut TUNÇ	
Interpreting structural configuration of the Sengkang Basin of Indonesia using edge detection and 3-D Euler deconvolution to satellite gravity data	894
Jamhir SAFANI, Khalil IBRAHIM, Wa DENI, Al RUBAIYN, F. FIRDAUS, H. HARISMA	
A study on the magnetite skarn mineralization (Gümüşhane, Türkiye): a magnetic survey	915
Ferkan SİPAHİ, M. Burhan SADIKLAR, Mehmet Ali GÜCER, Ali AYDIN, Rasim Taylan KARA	
Mapping crustal structure and deformation using gravity data in the Bursa Basin and surroundings, Türkiye	931
Bülent ORUÇ, Emir BALKAN	

Editorial-Honoring Aral Okay: A Distinguished Geology Professor



In November, the Turkish Earth Sciences community bid farewell to a profoundly esteemed member. The passing of Professor Dr. Aral Okay, a distinguished faculty member of İstanbul Technical University's Department of Geological Engineering, deeply saddens us. Aral Okay was not only an academic but also an esteemed figure recognized for his immense contributions to the field of geology. After completing his doctoral studies abroad, he conducted extensive fieldwork in our country and various global regions, playing pivotal roles in numerous international projects. Embarking on his academic journey at İstanbul Technical University, Aral Okay was acknowledged as a professor who provided an indelible learning experience for students in both classroom and field settings. Through his ardor and enthusiasm for geological science and the profound knowledge he imparted, Aral Okay admirably fulfilled the mission of nurturing a generation of geologists. He held a distinguished position within the geological community and was respected as a leader among his peers, students, and colleagues. Aral Okay's legacy extends beyond his academic achievements. His sincere and jovial nature inspired many, endearing him to academic circles. He mentored several aspiring earth scientists with his expertise and experience, guiding them toward successful careers. Aral Okay significantly contributed to the geological evolution, of Türkiye and Eastern Mediterranean, and the field of metamorphic petrology. His legacy includes being an outstanding educator, a devoted researcher, and a compassionate individual. As both an author and a valued member of the Turkish Journal of Earth Sciences editorial board, Aral Okay leaves a void upon his departure, but his enduring legacy and influence will persist. In respectful remembrance, we honor Aral Okay by publishing his completed article in this issue of the Turkish Journal of Earth Sciences, a testament to his dedication. The loss of this remarkable earth scientist is profoundly felt, and we will cherish the memories of Aral Okay, who will forever reside in our hearts.

Prof. Dr. Orhan Tatar
Editor-in-Chief