

# Prof. Aral Okay

## Personal Information

Email: okay@itu.edu.tr

## Biography

<https://web.itu.edu.tr/~okay/index.html>

## Education Information

Doctorate, University Of Cambridge, United Kingdom 1976 - 1980

Under Graduate, University College London, Jeoloji, United Kingdom 1974 - 1976

## Foreign Languages

English

German

## Research Areas

Geological Engineering, General Geology, Areal Geology (general, maps and charts), Stratigraphy, Tectonics (Paleotectonics, Neotectonics, Seismotectonics), Structural Geology, Geology, Engineering and Technology

## Academic Titles / Tasks

Professor, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, 1992 - Continues

Associate Professor, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, 1985 - 1992

Assistant Professor, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, 1984 - 1985

Research Assistant, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, 1983 - 1984

## Professional Experience

Head of Department, İstanbul Teknik Üniversitesi, Avrasya Yer Bilimleri Enstitüsü, Katı Yer Bilimleri Bölümü, 2007 - Continues

Director of The Institution, İstanbul Teknik Üniversitesi, Avrasya Yer Bilimleri Enstitüsü, 1998 - 2001

## Courses

Geology of Turkey, Under Graduate, 2017 - 2018

Earth System Science, Post Graduate, 2017 - 2018

Petrology, Under Graduate, 2016 - 2017

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

- I. **Striking Variation in the Provenance of the Lower and Upper Cretaceous Turbidites in the Central Pontides (Northern Turkey) Related to the Opening of the Black Sea**  
Akdoğan R., Okay A., Dunkl I.  
Tectonics, vol.38, is.3, pp.1050-1069, 2019 (Journal Indexed in SCI Expanded)
- II. **Provenance of a large Lower Cretaceous turbidite submarine fan complex on the active Laurasian margin: Central Pontides, northern Turkey**  
AKDOĞAN R., OKAY A., Sunal G., Tarı G., MEINHOLD G., KYLANDER-CLARK A. R. C.  
Journal of Asian Earth Sciences, vol.134, pp.309-329, 2017 (Journal Indexed in SCI Expanded)
- III. **Alpine high pressure evolution of the eastern Bitlis complex, SE Turkey**  
Oberhaensli R., Candan O., Bousquet R., Rimmele G., Okay A., Goff J.  
Geological Society Special Publication, vol.340, pp.461-483, 2010 (Journal Indexed in SCI Expanded)
- IV. **Tectonic evolution of the Ganos segment of the North Anatolian Fault (NW Turkey)**  
Janssen C., Bohnhoff M., Vapnik Y., Goerguen E., Bulut F., Plessen B., Pohl D., Aktar M., Okay A., Dresen G.  
Journal of Structural Geology, vol.31, is.1, pp.11-28, 2009 (Journal Indexed in SCI Expanded)
- V. **Rapid early-middle Miocene exhumation of the Kazdağ Massif (western Anatolia)**  
Cavazza W., Okay A., Zattin M.  
International Journal of Earth Sciences, vol.98, is.8, pp.1935-1947, 2009 (Journal Indexed in SCI Expanded)
- VI. **Partial high-pressure aragonitization of micritic limestones in an accretionary complex, Tavşanlı Zone, NW Turkey**  
Topuz G., OKAY A., ALTHERR R., MEYER H. -, NASDALA L.  
Journal of Metamorphic Geology, vol.24, is.7, pp.603-613, 2006 (Journal Indexed in SCI Expanded)
- VII. **Cretaceous and Triassic subduction-accretion, high-pressure-low- temperature metamorphism, and continental growth in the Central Pontides, Turkey**  
Okay A., Tuysuz O., SATIR M., OZKAN-ALTINER S., ALTINER D., SHERLOCK S., EREN R. H.  
Bulletin of the Geological Society of America, vol.118, pp.1247-1269, 2006 (Journal Indexed in SCI Expanded)
- VIII. **Jadeite-chloritoid-glaucophane-lawsonite blueschists in northwest Turkey: Unusually high P/T ratios in continental crust**  
Okay A.  
Journal of Metamorphic Geology, vol.20, is.8, pp.757-768, 2002 (Journal Indexed in SCI Expanded)
- IX. **Obduction, subduction and collision as reflected in the Upper Cretaceous-Lower Eocene sedimentary record of western Turkey**  
Okay A., Tansel I., Tuysuz O.  
Geological Magazine, vol.138, is.2, pp.117-142, 2001 (Journal Indexed in SCI Expanded)
- X. **The tectonics of the Strandja Massif: Late-Variscan and mid-Mesozoic deformation and metamorphism in the Northern Aegean**  
Okay A., Satir M., Tuysuz O., Akyuz S., Chen F.  
International Journal of Earth Sciences, vol.90, is.2, pp.217-233, 2001 (Journal Indexed in SCI Expanded)
- XI. **<sup>40</sup>Ar-<sup>39</sup>Ar and Rb-Sr geochronology of high-pressure metamorphism and exhumation history of the Tavşanlı Zone, NW Turkey**  
Sherlock S., Kelley S., Inger S., Harris N., Okay A.  
Contributions to Mineralogy and Petrology, vol.137, pp.46-58, 1999 (Journal Indexed in SCI Expanded)
- XII. **A fore-arc origin for the Thrace Basin, NW Turkey**  
Gorur N., Okay A.  
International Journal of Earth Sciences, vol.85, is.4, pp.662-668, 1996 (Journal Indexed in SCI Expanded)

## Supported Projects

Okay A., Erbil Ü., Project Supported by Higher Education Institutions, Trakya havzasında Oligosen deformasyonu:

Korudağ antiklinalinin yapısı ve yaşı, 2018 - 2020

Okay A., Project Supported by Higher Education Institutions, Türkiye ve Umman'da pasif kıta kenarlarında gelişen yüksek basınç - düşük sıcaklık metamorfizması, 2016 - 2018

Okay A., Project Supported by Higher Education Institutions, Türkiye'deki Jadeitli Kayalar ve Yeşim, 2015 - 2018

Okay A., Project Supported by Higher Education Institutions, Trakya'daki Kretase Yaşlı Melanj ve Mavişistlerin Paleotektonik Önemi, 2014 - 2018

Okay A., Project Supported by Higher Education Institutions, Avrasyanın Güney Aktif Kıta Kenarında Orta Pontidler de Kretase de Sedimentasyon ve Ororjenez, 2013 - 2018

Okay A., Project Supported by Higher Education Institutions, Çatalca Bölgesinde Istranca Masifi İle İstanbul Zonu Arasındaki Jeolojik İlişki, 2011 - 2018

Okay A., Project Supported by Higher Education Institutions, Büyük Bir Yanal Atımlı yırtılma Fayı Boyunva Oluşan Olistostrom Melanj Kuşağı Bornova Fliş Zonu, 2011 - 2018

Okay A., Project Supported by Higher Education Institutions, MİYOSEN ARABİSTAN -AVRASYA ÇARPIŞMASINA AİT APARİT FİZYON İZ VERİLERİ, 2010 - 2018

Okay A., Project Supported by Higher Education Institutions, Trakya'da Kuzey Anadolu Fayı'nda Gözlenen Transpresyonun Kökeni, 2005 - 2018

Okay A., Project Supported by Higher Education Institutions, Pontidlerde Ofiyolitler ve Kenet Zonları, 2004 - 2018

Okay A., Project Supported by Higher Education Institutions, Orta Pontidlerde Yer Alan Alt Kretase Filişinin Kökeni, 2013 - 2017

Okay A., Project Supported by Higher Education Institutions, Orta Pontidlerin Kastamonu-Tosya Arasındaki Bölgesinin Tektonik Evrimi, 2011 - 2016

Okay A., Project Supported by Higher Education Institutions, Mudanya-Zeytinbağı Bölgesininin Kretase-Tersiyer Jeolojik Evrimi, 2009 - 2013

Okay A., Project Supported by Higher Education Institutions, İstanbul ile Sakarya Zonları Arasındaki Pontid-İçi Kendinin Adapazarı-Bursa Çevresindeki Evrimi, 2008 - 2013

Okay A., Project Supported by Higher Education Institutions, İstanbul İle Sakarya Zonları arasındaki Pontid-İçi Kenedinin Adapazarı-Bursa Çevresindeki Evrimi:1.Aşama, 2006 - 2009

Okay A., Project Supported by Higher Education Institutions, Orta Pontidlerde Kargı Masifi Sınırının Niteliği, 2001 - 2005

Okay A., Project Supported by Higher Education Institutions, Trakyadaki Ganos Dağının İç Yapısı ve Jeolojik Evrimi, 2001 - 2005

Okay A., Project Supported by Higher Education Institutions, Batı Karadeniz'in Açılması Sırasındaki Stres Rejiminin Kretase Dayk Kümelerinin Konumundan Hesaplanması, 2003 - 2004

Okay A., Project Supported by Higher Education Institutions, Nallıhan-Ankara Civarının Yapısal Evrimi, 2001 - 2003

Okay A., Project Supported by Higher Education Institutions, Kuzeybatı Anadolu'da Kazdağı Masifi Doğusunun Jeolojik Evrimi, 1999 - 2001

## Activities in Scientific Journals

ofioliti, Editor, 2012 - Continues

tectonophysics, Committee Member, 2007 - Continues

Turkish Journal of Earth Sciences, Committee Member, 1997 - Continues

## Memberships / Tasks in Scientific Organizations

Member, 2014 - Continues

## Scientific Research / Working Group Memberships

## Citations

Total Citations (WOS):4151

h-index (WOS):34