

## Assoc. Prof. FATMA TOKSOY KÖKSAL

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: D-1320-2010

ScopusID: 8246630500

Yoksis Researcher ID: 163621

### Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Jeoloji Mühendisliği (Dr), Turkey 1998 - 2003

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Jeoloji Mühendisliği (Yl) (Tezli), Turkey 1995 - 1998

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey 1990 - 1994

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Vocational Course, Leapfrog Geo Fundamentals, Leapfrog, 2017

Vocational Training, Geochronology by Assist. Prof. Dr. Quentin Crowley (Trinity College Dublin, Dublin, Ireland, Orta Doğu Teknik Üniversitesi, 2014

Vocational Training, Ofiyolit Jeolojisi ve Tektoniği by Prof. Dr. Yıldırım Dilek (Miami University, Oxford, U.S.A.) , İstanbul Technical University, 2005

Vocational Training, Crustal growth episodes in time and space – geological, geochemical and geophysical features and characteristics (DAAD-IQN Short Course (German Academic Exchange Service - International Quality Network)), Potsdam University, Germany, 2003

Vocational Training, Subduction-collision processes: from ultrahigh pressure to ultra-low temperature and from Archaean to present-day (DAAD-IQN Short Course (German Academic Exchange Service - International Quality Network)) , Potsdam University, Germany, 2002

Vocational Training, Volcanic Processes, Products and Successions: Modern and Ancient Systems” by Prof. Dr. Raymond A. Cas (Monash University, Victoria-Australia) , Middle East Technical University, 2001

Vocational Training, Magmatik Petrojenez Lisans Üstü Yaz Okulu, TÜBİTAK-MTA-JMO, 2001

Vocational Training, Features and Elements of Structural Geology by Prof. Dr. George H. Davis (University of Arizona,

U.S.A.), Middle East Technical University, 1999

Vocational Training, Geochemical Discrimination: Application to Geological Problems, Methods of Understanding Metamorphic Complexes by Prof. Dr. John Alan Winchester (Keele University, England), Orta Doğu Teknik Üniversitesi, 1996

Vocational Training, "Examination of Ceramics by Stereomicroscope" - Special theoretical and practical course by Prof. Dr. Philip C. Robinson (University of Manchester, England), Incorporated Joint Stock Company of Kalebodur Ceramic Industries, 1995

## **Dissertations**

Doctorate, Petrology of phlogopite-bearing ultramafic-mafic plutonic rocks within Central Anatolian crystalline complex, Turkey, Middle East Technical University, Graduate School of Natural and Applied Sciences, Jeoloji Mühendisliği (Dr), 2003

Postgraduate, Petrography and mineralogy of the vermiculitized phlogopitic metagabbro from the Kurançalı Area (Kırşehir-Central Anatolia), Middle East Technical University, Graduate School of Natural and Applied Sciences, Jeoloji Mühendisliği (YI) (Tezli), 1998

## **Research Areas**

Geological Engineering, Engineering and Technology

## **Academic Titles / Tasks**

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2020 - Continues

Associate Professor, Middle East Technical University, Graduate School of Natural and Applied Sciences, Cement Engineering, 2020 - Continues

Associate Professor, Middle East Technical University, Graduate School of Natural and Applied Sciences, Occupational Health and Safety, 2020 - Continues

Assistant Professor, Middle East Technical University, Graduate School of Natural and Applied Sciences, Archaeometry, 2019 - 2020

Assistant Professor, Middle East Technical University, Graduate School of Natural and Applied Sciences, Occupational Health and Safety, 2017 - 2020

Assistant Professor, Middle East Technical University, Graduate School of Natural and Applied Sciences, Cement Engineering, 2006 - 2020

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2005 - 2020

Lecturer, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2004 - 2005

Visiting Lecturer, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2004 - 2004

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 1997 - 2004

## **Academic and Administrative Experience**

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2016 - Continues

Program Koordinatörü, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering,

2011 - Continues

Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2011 - Continues  
Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Middle East Technical University, Presidency Office, Presidency Office, 2018 - 2021

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2010 - 2015

Staj Koordinatörü, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2008 - 2011

## Courses

PETROGRAPHY, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2005 - 2006, 2004 - 2005

IGNEOUS AND METAMORPHIC PETROLOGY, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005

PRINCIPLES OF MINERALOGY & PETROGRAPHY, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

MINERALOGY, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005

Geology for Civil Engineering, Undergraduate, 2022 - 2023, 2021 - 2022

INSTRUMENTAL GEOCHEMICAL ANALYSES, Postgraduate, 2019 - 2020, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2009 - 2010, 2004 - 2005

ADVANCED MINERALOGY, Postgraduate, 2018 - 2019, 2015 - 2016, 2014 - 2015, 2011 - 2012, 2004 - 2005

MEDICAL GEOLOGY, Postgraduate, 2015 - 2016, 2010 - 2011, 2007 - 2008

CEMENT RAW MATERIALS, Postgraduate, 2011 - 2012, 2009 - 2010

ADVANCED IGNEOUS AND METAMORPHIC PETROLOGY, Postgraduate, 2005 - 2006

## Advising Theses

Toksoy Köksal F., Bozkurt E., METAMORPHIC-MAGMATIC EVOLUTION OF THE ULUDAĞ MASSIF, Doctorate, G.Şahin(Student), Continues

Toksoy Köksal F., Kalaylıoğlu Akyıldız Z. I., ARCHAEOMETRICAL CHARACTERISATION OF EARLY BRONZE AGE III POTTERY FROM KÜLTEPE, Doctorate, P.Ayter(Student), Continues

Toksoy Köksal F., Atakuman Ç., Understanding Cultural Change Through Archaeometrical Investigations of Pottery: Production, Provenance and Function, Doctorate, C.NUR(Student), Continues

Toksoy Köksal F., GEOMEDICAL RISK ASSESSMENT BY GEOCHEMISTRY FOR IZMIR CITY CENTER, TÜRKİYE, Postgraduate, A.Kılıç(Student), 2023

Toksoy Köksal F., Akata Kurç B., Use of gangue kaolins from coal deposits in synthetic zeolite production, Postgraduate, B.Mutlu(Student), 2022

Toksoy Köksal F., Avşar U., Statistical Interpretation of the Relation between ICP-OES/MS Geochemical and Mineralogical Data Obtained from Lake and Floodplain Sediments (Amuq Valley / SE Turkey), Postgraduate, D.Aykasım(Student), 2022

TOKSOY KÖKSAL F., The use of asbestos as a construction material in public buildings: a case study, Postgraduate, D.Dündar(Student), 2020

Toksoy Köksal F., Altın S., Cretaceous /paleocene boundary in the Haymana Basin, Central Anatolia, Turkey: planktonic

foraminiferal biostratigraphy and microfacies analysis, Postgraduate, R.Özder(Student), 2019  
Toksoy Köksal F., Rashidnejad - Omran N., Geochemistry and Petrology of Southwest of Nodoushan Intrusions, west of Yazd, Doctorate, B.Shahsavari(Student), 2018  
Toksoy Köksal F., Petrography and mineral chemistry of the basaltic rocks and dykes around Burunköy (Çorum) region, Turkey, Postgraduate, A.KÜÇÜK(Student), 2014  
Toksoy Köksal F., Peloteraphic Applicability of Bentonites from Çankırı and Afyonkarahisar Regions, Postgraduate, G.Aytaç(Student), 2013  
Toksoy Köksal F., Mineralogy and Petrography of Messinian Aged Gypsum Occurrence in Polatlı Sazılar Region, Ankara., Postgraduate, H.Çakmak(Student), 2008  
Toksoy Köksal F., Göncüoğlu M. C., Mineralogical, Petrographical and Geochemical Properties of Zeolite Bearing Tuffs in NW Anatolia (Turkey), Postgraduate, S.Özen(Student), 2008

## Designed Lessons

Toksoy Köksal F., Cement Raw Materials and Preparation, Postgraduate, 2005 - 2006

## Research Infrastructure Information

Toksoy Köksal F., Electron Microprobe Laboratory, Central Laboratory, METU, March 2009  
Toksoy Köksal F., X-Ray Diffractometer Laboratory, February 2008

## Education Infrastructure Information

Toksoy Köksal F., Mikroskop Laboratuvarı, February 2009

## Designed Programs

Toksoy Köksal F., Postgraduate, Graduate Program of Cement Engineering, 2005 - Continues

## Articles Published in Other Journals

- I. **Ekecikdağ Magmatik Birliği Orta Anadolu granitoidlerinin petrojeneji Mineral kimyası perspektifi**  
Toksoy-Köksal F.  
Yerbilimleri/Hacettepe Üniversitesi Yerbilimleri Uygulama ve Araştırma Merkezi Dergisi, vol.37, pp.139-178, 2016  
(Peer-Reviewed Journal)
- II. **Mineral chemistry and thermobarometry of Soltan Meidan basalts, North of Shahrood**  
Derakhshi M., Ghasemi H., Toksoy-Köksal F.  
Iranian Journal of Crystallography and Mineralogy, vol.23, no.2, pp.257-268, 2015 (Peer-Reviewed Journal)
- III. **Sakaryabaşı Batı Göleti nin besin düzeyine sedimentin etkisi**  
Pulatsü S., Akçora A., Köksal F.  
Tarım Bilimleri Dergisi-Journal of Agricultural Sciences, vol.8, pp.128-134, 2002 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Health Risk Assessment For Soil From The İzmir City Center, Western Türkiye**  
Kılıç A., Toksoy Köksal F.

EGU24 General Assembly, Vienna, Austria, 14 - 19 April 2024, pp.1

- II. **Geochemical and Medical Geological Properties of İzmir City Centre**  
Kılıç A., Toksoy Köksal F., Köksal S.  
75. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 14 April 2023, pp.573
- III. **Middle Permian calc-alkaline basalts and ferroan rhyolites in the Istanbul Zone, NW Turkey: Evidence for Permo-Triassic subduction**  
BABAĞLU C., TOPUZ G., OKAY A., KÖKSAL S., Wang J., TOKSOY KÖKSAL F.  
EGU General Assembly 2022, Viyana, Austria, 23 May 2022
- IV. **DETERMINATION OF ASBESTOS USING AS A CONSTRUCTION MATERIAL ON PUBLIC BUILDINGS BETWEEN 1960-1980 AND ITS IMPORTANCE IN TERMS OF MEDICAL GEOLOGY**  
Dündar Mustafa D., Toksoy Köksal F.  
73rd Geological Congress of Turkey with International Participation, Ankara, Turkey, 24 - 28 May 2021, pp.988-990
- V. **Responses of the Planktonic Foraminifera to Environmental Conditions Across the Cretaceous/Paleogene Boundary Interval in the Göynük Basin, Northwest Anatolia, Turkey**  
ÖZDER R., ÖZKAN ALTINER S., TOKSOY KÖKSAL F., AVŞAR U.  
72nd Geological Congress of Turkey with International Participation, 28 January - 01 February 2019, pp.536-537
- VI. **Health effects of dusts on workers in underground mine of salt rock**  
Ayanoğlu S., Kepekli T., Toksoy-Köksal F.  
71st Geological Congress of Turkey with International Participation, Ankara, Turkey, 23 - 27 April 2018, pp.851-852
- VII. **Usability of gangue kaolin from coal deposits to produce synthetic zeolite.**  
Kutlu B. T., Kirdeciler S. K., Toksoy-Köksal F., Akata-Kurç B.  
71st Geological Congress of Turkey with International Participation, Ankara, Turkey, 23 - 27 April 2018, pp.269-270
- VIII. **Multiple influxes in ocean island basalt like magma products attained by crystallochemistry: A case study within the Ankara Ophiolitic Melange.**  
Toksoy-Köksal F., Küçük A.  
7th Geochemistry Symposium, Antalya, Turkey, 16 - 18 May 2016, pp.254-255
- IX. **Geological Features of the Chromite Deposits in Tunceli Province**  
Önal A., Aktağ A., Toksoy-Köksal F., Çimen O., Öztüfekçi-Önal A.  
Symposium on Eastern Anatolian Geology with International Participation, Van, Turkey, 7 - 11 September 2015, pp.206-207
- X. **Petrogenetic Characteristics of the Chromite Deposits in Tunceli Province (Turkey).**  
Öztüfekçi-Önal A., Çimen O., Toksoy-Köksal F., Aktağ A., Önal A.  
Symposium on Eastern Anatolian Geology with International Participation, Van, Turkey, 7 - 11 September 2015, pp.152-153
- XI. **Petrology of the Neotetyan Ophiolitic Basalts and Dykes (Çorum-Turkey): New Insights**  
Atak-Küçük A., Toksoy-Köksal F.  
Goldschmidt , Praha, Czech Republic, 16 - 21 August 2015, pp.136
- XII. **Petrography and Mineral Chemistry of the Basaltic Rocks and Dykes from the Burunköy Region (Çorum-Turkey)**  
Atak-Küçük A., Toksoy-Köksal F.  
68th Geological Congress of Turkey, Ankara, Turkey, 6 - 10 April 2015, pp.6-10
- XIII. **First description of platinum group minerals (pgm) in ultramafic rocks of the Ovacık and Pulumur Ophiolitic Complex, Tunceli, Turkey**  
Öztüfekçi-Önal A., Köksal F., Zaccarini F., Çimen O., Aktağ A., Önal A.  
11th EMAS Regional Workshop on electron probe microanalysis of materials today - practical aspects, Leoben, Austria, 21 - 24 September 2014, pp.297
- XIV. **Relationships between the Kirşehir massif and the Sakarya zone (Turkey): geological and petrographical data from the Ankara-Erzincan suture and surroundings**

Pandeli E., Elter F. M., Köksal F., Principi G.

Meeting in memory of Piero Elter - The relationships between Northern Apennine and western Alps: state of the art fifty years after the "Ruga del Bracco"; Florence, Italy, 26 - 27 June 2014, pp.48-49

- XV. **Preliminary Data on the Geochemistry of the Chromites from Tunceli (Eastern-Anatolia)**  
Çimen O., Öztüfekçi-Önal A., Toksoy-Köksal F., Aktağ A., Önal A.  
VI. Geochemistry Symposium with International Participation, Ankara, Turkey, 14 - 17 May 2014, pp.35-36
- XVI. **Çankırı ve Afyonkarahisar killerin mineralojik ve jeokimyasal özellikleriyle peloterapik uygulamalarda kullanılabilirlikleri the usability of Çankırı and Afyonkarahisar clays with their mineralogical and geochemical properties for pelotherapic applications**  
Aytaç Okyay G., Toksoy-Köksal F.  
2. Tıbbi Jeoloji Çalıştayı, Antalya, Turkey, 4 - 06 December 2013
- XVII. **Intrusive products of H<sub>2</sub>O and CO<sub>2</sub> rich alkaline melt (Karakoç Magmatic Association): Significance in Tethyan Realm, Turkey**  
Toksoy-Köksal F.  
International Earth Sciences Colloquium on the Aegean Region, İzmir, Turkey, 1 - 05 October 2012, pp.16
- XVIII. **Environmental effects of Hasangazi (Pülümür-Tunceli) Chromite Mine**  
Toksoy-Köksal F., Çimen O., Öztüfekçi-Önal A., Akarsu-Akyol E.  
International Earth Sciences Colloquium on the Aegean Region, İzmir, Turkey, 1 - 05 October 2012, pp.180
- XIX. **Geochemical Characteristics of Bottom Sediments from Munzur and Pülümür Streams Feeding Uzunçayır Dam (Tunceli) and Potential Risks on Water Chemistry**  
Çimen O., Toksoy-Köksal F., Örgün Y., Öztüfekçi-Önal A.  
65th Geological Congress of Turkey, Ankara, Turkey, 2 - 06 April 2012, pp.140-141
- XX. **Suitability of clays from Çankırı and Afyonkarahisar regions (Interior Turkey) for Pelotherapic applications**  
Aytaç G., Toksoy-Köksal F., Türkmenoğlu A. G.  
EUROCLAY 2011, European Clay Conference, Antalya, Turkey, 26 June - 01 July 2011, pp.375
- XXI. **Is a single model adequate to explain origin of the gabbros from central Anatolia, Turkey?**  
Toksoy-Köksal F., Köksal S., Göncüoğlu M. C.  
Symposium of Geological Society of America, Tectonic Crossroads: Evolving Orogens of Eurasia-Africa-Arabia, Ankara, Turkey, 4 - 08 October 2010, pp.83
- XXII. **Re-evaluation of the petrological features of the Ekecikdağ Plagiogranites in Central Anatolia/Turkey**  
Köksal S., Göncüoğlu M. C., Toksoy-Köksal F.  
Symposium of Geological Society of America, Tectonic Crossroads: Evolving Orogens of Eurasia-Africa-Arabia, Ankara, Turkey, 4 - 08 October 2010, pp.83
- XXIII. **Eocene post collisional volcanism in the Central Anatolian Crystalline Complex Turkey Petrology and geodynamic significance**  
GENELİ F., GÖNCÜOĞLU M. C., LASSITER J., TOKSOY KÖKSAL F.  
19th Congress of Carpathian-Balkan Geological Association, Geologica Balcanica, 5 - 10 September 2010
- XXIV. **The Karakoç magmatic association (central Anatolia, Turkey): Intrusive products of H<sub>2</sub>O and CO<sub>2</sub> rich alkaline melt**  
Toksoy-Köksal F., Göncüoğlu M. C.  
Goldschmidt 2010, Tennessee, United States Of America, 13 - 18 June 2010, pp.1047
- XXV. **Satansarı Granitoidinin Sr, Nd ve Hf izotopik özellikleri ve zircon LA-SF-ICP-MS U-Pb yaşları (Aksaray), Orta Anadolu Kristalen Kompleksi**  
Göncüoğlu M. C., KÖKSAL S., FREI D., TOKSOY KÖKSAL F., MÖLLER A., GERDES A.  
63. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 5 - 09 April 2010, pp.144-145
- XXVI. **Sr, Nd, Hf isotopic signatures and LA-SF-ICP-MS U-Pb zircon ages from Satansarı Granitoid (Aksaray), Central Anatolian Crystalline Complex**  
Göncüoğlu M. C., Köksal S., Frei D., Toksoy-Köksal F., Möller A., Gerdes A.  
63rd Geological Congress of Turkey, Ankara, Turkey, 22 - 25 March 2010, pp.144-145

- XXVII. **U-Pb age and isotope data from the S- and I-type syn-collisional granites in Ekecikdag area, central Anatolia**  
TOKSOY KÖKSAL F., GERDES A., Goncuoglu M. C., MÖLLER A., FREI D., KÖKSAL S.  
Goldschmidt Conference Abstracts (Geochimica et Cosmochimica Acta), Davos, Switzerland, 21 July 2009, vol.73, pp.1335
- XXVIII. **U Pb age and isotope data from the S and I type syn collisional granites in the Ekecikdag area central Anatolia**  
TOKSOY KÖKSAL F., GERDES A., GÖNCÜOĞLU M. C., MÖLLER A., FREI D., KÖKSAL S.  
Goldschmidt 2009, 24 - 28 June 2009
- XXIX. **Homogenization of the Central Anatolian Crust in the Late Cretaceous: Zircon U-Pb Ages and Lu-Hf Isotope Data from the Granitoids of the Western Margin of the Central Anatolian Crystalline Complex (Turkey)**  
Köksal S., Möller A., Göncüoğlu M. C., Frei D., Gerdes A., Toksoy-Köksal F.  
62nd Geological Congress of Turkey, Ankara, Turkey, 13 - 17 April 2009, pp.600-601
- XXX. **Üst Kretase'de Orta Anadolu kıtasal kabuğunun homojenleşmesi: Orta Anadolu Kristalen Karmaşığı (Türkiye)'nin batı kenarındaki granitoidlerde zirkon U-Pb yaş tayini ve Lu-Hf izotop verileri.**  
KÖKSAL S., MÖLLER A., Goncuoglu M. C., FREI D., GERDES A., TOKSOY KÖKSAL F.  
62. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 13 - 17 April 2009, pp.600-601
- XXXI. **An Approach to the Central Anatolian (Avanos) Late Mesozoic Magmatism: Petrology of Cogenetic Granitic and Volcanic Rocks.**  
Toksoy-Köksal F., Köksal S., Göncüoğlu M. C., Romer R. L.  
61th Geological Congress of Turkey, Ankara, Turkey, 24 - 28 March 2008, pp.247-248
- XXXII. **Orta Anadolu (Avanos) Geç Mezozoyik Magmatizmasının Evrimine bir Yaklaşım: Eşoluşumlu Granitik ve Volkanik Kayaçların Petrolojisi**  
TOKSOY KÖKSAL F., KÖKSAL S., Goncuoglu M. C., Romer R. L.  
61. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 24 - 28 March 2008, pp.247-248
- XXXIII. **Türkiye Kil ve Deri Sağlığı Çalışma Grubu**  
TOKSOY KÖKSAL F.  
1. Ulusal SPA-Wellness Kongresi, Turkey, 17 - 18 January 2008
- XXXIV. **Hydrous aluminosilicate metasomatism in an intra oceanic subduction zone Implications from the Kurancali ultramafic mafic cumulates within the Alpine Neotethys Ocean Turkey**  
TOKSOY KÖKSAL F., GÖNCÜOĞLU M. C., OBERHAENSLI R.  
Goldschmidt 2007, 17 - 21 June 2007
- XXXV. **Petrological Characteristics and LA SF ICP MS U Pb ages of S type Granitoids from Central Turkey**  
KÖKSAL S., MÖLLER A., FREI D., GÖNCÜOĞLU M. C., TOKSOY KÖKSAL F.  
Goldschmidt 2007, 17 - 21 June 2007
- XXXVI. **Killerin fizikokimyasal özellikleri ve peloterapide kullanımları üzerindeki etkilerine yönelik ön çalışma a preliminary study on physicochemical properties of clays and their effects on applicability in pelotherapy**  
Öztürk M. S., Toksoy-Köksal F., Türkmenoğlu A. G., Çelebi C. R.  
XIII. Ulusal Kil Sempozyumu, Isparta, Turkey, 12 - 14 September 2007, pp.322-329
- XXXVII. **Mineral chemistry of hydrous ultramafic-mafic cumulates within a Neotethyan island arc sliver, Central Turkey**  
Toksoy-Köksal F., Göncüoğlu M. C., Oberhaensli R.  
Epitome, Rimini, Italy, 12 - 14 September 2007, vol.2, pp.135
- XXXVIII. **Petrological Characteristics and LA-SF-ICP-MS U-Pb ages of S-type Granitoids from Central Turkey**  
Köksal S., Möller A., Frei D., Göncüoğlu M. C., Toksoy-Köksal F.  
Goldschmidt 2007, Cologne, Germany, 19 - 24 August 2007, pp.505
- XXXIX. **Orta Anadolu Granitoidlerinde Zirkon/Apatit Jeotermometresi Yöntemleri ile Zirkon Tipolojisi Verilerinin Karşılaştırılması**  
KÖKSAL S., GÜRSU S., Goncuoglu M. C., TOKSOY KÖKSAL F.

60. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 16 - 20 April 2007, vol.3, pp.250-255

- XL. **Comparison of Zircon/Apatite Geothermometry Methods and Zircon Typology Data of the Central Anatolian Granitoids**  
Köksal S., Gürsu S., Toksoy-Köksal F., Göncüoğlu M. C.  
60th Geological Congress of Turkey, Ankara, Turkey, 20 - 24 March 2007, pp.250-255
- XLI. **A Neotethyan island arc sliver in central Anatolia insights from hydrous ultramafic mafic cumulates**  
Toksoy-Köksal F., Göncüoğlu M. C., Oberhaensli R.  
The Mesozoic Ophiolite Belts of the Northern Part of the Balkan Peninsula, Belgrade, Serbia And Montenegro, 31 May - 06 June 2006
- XLII. **Zircon Growth in Distinct Granitoid Types: Examples from Central Anatolian Granitoids**  
Köksal S., Toksoy-Köksal F., Göncüoğlu M. C.  
59th Geological Congress of Turkey, Ankara, Turkey, 20 March - 24 May 2006, pp.271-272
- XLIII. **Farklı Granitoid Tiplerinde Zirkon Oluşumu: Orta Anadolu Granitoidlerinden Örnekler**  
KÖKSAL S., TOKSOY KÖKSAL F., Goncuoglu M. C.  
59. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 20 - 24 March 2006, pp.271-272
- XLIV. **Tracing magmatic history from zircons of the S- and H-type granitoids in the Ekecikdağ Intrusive Suite (central Anatolia, Turkey).**  
Toksoy-Köksal F., Köksal S., Göncüoğlu M. C., Möller A.  
International Earth Sciences Colloquium on the Aegean region, İzmir, Turkey, 4 - 07 October 2005, pp.71-72
- XLV. **Petrology of the Kuraçalı ultramafic-mafic cumulates characterized by hydrous phases (central Turkey): crystallochemical implications**  
Toksoy-Köksal F., Göncüoğlu M. C., Oberhänsli R.  
International Earth Sciences Colloquium on the Aegean Region, İzmir, Turkey, 4 - 07 October 2005, pp.115
- XLVI. **2004. H-tipi ve A-tipi granitoidlerin birlikteliğine bir örnek: Baranadağ ve Çamsarı granitoidleri (Kaman, Kırşehir)'nin zirkon tipolojisi metodu ve jeokimyasal çalışmalarla karşılaştırılması**  
Köksal S., Köksal F., Toksoy-Köksal F., Göncüoğlu M. C.  
1. Ulusal Jeokimya Sempozyumu, Bursa, Turkey, 18 - 21 November 2004, pp.40-0
- XLVII. **Orta Anadolu Kristalen Kompleksindeki (Türkiye) sulu fazlarca zengin ultramafik-mafik plütonik kayaların petrolojisine kristal kimyası ile ışık tutulması.**  
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- LI. **Vermiculite from pegmatitic phlogopitic gabbro, Central Turkey.**  
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37th Annual (Wy-2-K+) Meeting, The Clay Minerals Society, Illinois, United States Of America, 24 - 29 June 2000, pp.116
- LII. **Vermiculitization of phlogopites within metagabbro, Central Turkey**  
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3rd International Turkish Geology Symposium, Ankara, Turkey, 31 August - 04 September 1998, pp.175
- LIV. **Vermikülit mineraloji jeolojik oluşum endüstriyel kullanım ve Türkiye deki durumu**  
Toksoy F.  
2. Endüstriyel Hammaddeler Sempozyumu, İzmir, Turkey, 16 - 17 October 1997
- LV. **Vermiculitization Process**  
Toksoy F., Öner A.  
13th National Electron Microscopy Congress with International Participation, Ankara, Turkey, 1 - 04 September 1997

## Supported Projects

- TOKSOY KÖKSAL F., BİLER C. N., Project Supported by Higher Education Institutions, Uğurlu Höyükteki Gökçeada Prehistorik çanakçömleklerin petrografikjeokimyasal karakterizasyonu ile hammadde kaynaklarının ve pişirme koşullarının belirlenmesi, 2020 - Continues
- TOKSOY KÖKSAL F., DÜNDAR MUSTAFA D., Project Supported by Higher Education Institutions, Kamu Binalarında Yapı Malzemesi Olarak Asbest Kullanımına İlişkin Vaka Çalışması, 2020 - Continues
- TOKSOY KÖKSAL F., BİLGİN E. D., KÖKSAL S., Project Supported by Higher Education Institutions, Ankara Güneyi ve Kuzeydoğusu'ndaki Ankara Ofiyolitik Melanjı'nın Okyanusal Litosferik Birimlerinin Petrolojik İlişkilerine Mineral Kimyası ile Işık Tutulması, 2016 - Continues
- Bozkurt E., Yalçiner A. C., Süzen M. L., Rojay F. B., Topal T., Toksoy Köksal F., Avşar U., Özacar A. A., Gülerce Z., Ince Özkan M. D., et al., Municipality, İzmir İli Depremsellik Araştırması ve Bayraklı, Bornova ve Konak İlçe Sınırları İçerisindeki Yaklaşık 10802 Hektarlık Alanın Zemin Yapısı İle Zemin Davranış Özelliklerinin Modellenmesi, 2021 - 2025
- Tunç G., Bozkurt E., Toksoy Köksal F., TUBITAK Project, Uludağ Masifinin Tektono-Metamorfik-Magmatik Evrimi, 2022 - 2023
- Avşar U., Akar M., Toksoy Köksal F., Pişkin E., TUBITAK Project, Holosen Boyunca Yaşanan İklim Değişikliklerinin Amik Ovası'ndaki Jeolojik ve Arkeolojik İzleri, 2020 - 2023
- TOKSOY KÖKSAL F., AKATA KURÇ B., KUTLU B. T., Project Supported by Higher Education Institutions, KAOLEN ARA KATKILI KÖMÜR YATAKLARINDAKİ GANG KAOLENİN SENTETİK ZEOLİT ÜRETİMİNDE KULLANILABİLİRLİĞİ VE EKONOMİYE KAZANDIRILMASI, 2018 - 2019
- Gürsu S., Toksoy Köksal F., Göncüoğlu M. C., TUBITAK Project, Kiraz-Yenişehir-Gökburun (İzmir)'de Menderes Napın'da İzlenen Meta-Tonalitler/Meta-Granodiyoritler ve Onları İntrüzif Olarak Kesen Eklojit/Eklojitik Meta-Gabroların Nd-Sm/Lu-Hf Granat ve U-Pb Zirkon ve Rutil Jeokronolojisi ile Oluşum ve Metamorfizma Yaşlarının Araştırılması. , 2018 - 2019
- TOKSOY KÖKSAL F., KÜÇÜK A., Project Supported by Higher Education Institutions, Neotetis Okyanusal Litosferinin Petrolojisine Mineral Kimyası Yaklaşımı: Aylı Dağ Ofiyolitik Diziliminden Bir Örnek Çalışma, 2017 - 2019
- Toksoy-Köksal F., Bokhta M. A. E. M., TUBITAK Project, Rare Earth Elements and Rare Metals, and Associated Other Minerals within Granitoids in Egypt and Turkey, 2016 - 2017
- Öztüfekçi-Önal A., Toksoy-Köksal F., Çimen O., Aktağ A., Önal A., Taşgın F., Project Supported by Higher Education Institutions, Tunceli İli Krom Yataklarının Petrojenetik Özellikleri, 2013 - 2015
- TOKSOY KÖKSAL F., ATAK A., Project Supported by Higher Education Institutions, ÇORUM GÜNEYİNDE YÜZEYLENEN OFİYOLİTİK BİRİMLERİN PETROLOJİSİ, 2013 - 2013
- Gürsu S., Köksal S., Toksoy-Köksal F., TUBITAK Project, Güneydoğu Anadolu Otokton Kuşağında (Derik-Mardin) Orta Kambriyen öncesi yaşlı volkanitlerin petrolojik ve jeokronolojik özelliklerinin belirlenmesi. , 2012 - 2013
- Principi G., Toksoy-Köksal F., Project Supported by Public Organizations in Other Countries, Geological, structural and stratigraphic studies on the ophiolites and mélanges of the the Izmir-Ankara-Erzincan suture, central-eastern Turkey, and comparisons with the Pelogonian Dinaric -Hellenic ophiolites, 2011 - 2011
- Bortolotti V., Göncüoğlu M. C., Toksoy-Köksal F., Project Supported by Public Organizations in Other Countries, The Paleotethyan and Neotethyan ophiolite suture zones in Northern Turkey: Study of Intrapontide Suture Zone and

Sakarya, 2010 - 2011

TOKSOY KÖKSAL F., Project Supported by Higher Education Institutions, Doğal Termal Çamur Ve Yapay Çamur Yapımında Kullanılan Bentonitlerin Mineralojik Ve Jeokimyasal Karakterizasyonu Ve Peloterapik Uygulamalarda Kullanılabilirlikleri: Sağlık Açısından Olumlu/olumsuz Etkileri, 2010 - 2011

TOKSOY KÖKSAL F., Project Supported by Higher Education Institutions, Orta Anadolu'daki Kırşehir (kuraçalı) Ve Aksaray (sarıkaraman,harundağı,kecekdağı) Bölgelerindeki Gabroyik Kayaçların Sr,nd, Ve Pb İzotop Jeokimyası, Tüm Kayaç Ve Mineral Kimyası Yöntemleri İle Petrolojik Özelliklerinin Belirlenmesi, 2009 - 2010

Toksoy-Köksal F., Türkmenoğlu A. G., Project Supported by Higher Education Institutions, Ankara Polatlı Yöresindeki Jips ve İçerdikleri Kil Minerallerinin Araştırılması, 2008 - 2008

Türkmenoğlu A. G., Toksoy-Köksal F., Project Supported by Higher Education Institutions, Afyonkarahisar (Frigya Termal Turizm Bölgesi) Termal Çamurlarının Medikal Jeoloji Açısından İncelenmesi ve Normal İnsan Derisi Üzerindeki Etkilerinin Belirlenmesi , 2008 - 2008

Toksoy-Köksal F., Geneli F., Göncüoğlu M. C., Gençalioğlu Kuşçu G., TUBITAK Project, Orta Anadolu da Eosen Volkanizmasının Jeokimyasal ve Petrolojik Özellikleri ve Orta Anadolu Kristalen Kom, 2006 - 2008

Göncüoğlu M., Geneli F., Toksoy-Köksal F., Project Supported by Higher Education Institutions, Orta Anadolu'da Eosen Volkanizmasının Jeokimyasal-Petrolojik Özellikleri ve Orta Anadolu Kristalen Kompleksinin Evrimleşmesindeki Yeri , 2005 - 2007

Köksal F., Göncüoğlu M. C., Köksal S., Project Supported by Higher Education Institutions, Filogopitli Karakoç Ultramafik Kayaçlarının Jeolojik ve Petrolojik Özellikleri , 2005 - 2006

Köksal F., Göncüoğlu M. C., Köksal S., TUBITAK Project, Zirkon Tipolojisi ile Granit Petrojenezinin Araştırılması Yönteminin Orta Anadolu Granitoyidlerine Uygulanması , 2001 - 2004

Pulatsü S., Akçora A., Toksoy-Köksal F., Project Supported by Higher Education Institutions, Sakaryabaşı Batı Göletinin Besin Düzeyine Sedimentin Etkisi, 2000 - 2001

Göncüoğlu M., Toksoy-Köksal F., Köksal S., Project Supported by Higher Education Institutions, Orta Anadolu Kristalen Kompleksindeki Ultramafik ve Mafik Kayaçların Mineralojisi-Mineral Kimyası , 1999 - 2000

Göncüoğlu M., Yalınz K., Özgül L., Toksoy F., TUBITAK Project, Petrogenesis of the Central Anatolian Ophiolites: An approach to the evolution of the İzmir-Ankara-Erzincan Branch of Neotethys, 1994 - 1997

## Student Project

R & D Project, Kahramanmaraş Merkezli Deprem ile Çevreye Yayılımı Muhtemel Asbestos'un Tespiti ve Çevreye Etkilerinin Araştırılması , Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey, 2023 - Continues

## Activities in Scientific Journals

TURKISH JOURNAL OF EARTH SCIENCES, Editor, 2023 - 2024

TURKISH JOURNAL OF EARTH SCIENCES, Editor, 2022 - 2023

## Memberships / Tasks in Scientific Organizations

Tıbbi Jeoloji Çalışmaları Uygulama ve Araştırma Merkezi , Member of Advisory Board, 2021 - Continues, Turkey  
Quality System and Certification Committee, Council for Quality and Environment, Turkish Cement Manufacturers' Association, Member, 2018 - Continues, Turkey

Mesothelioma and Medical Geology Application and Mesothelioma and Medical Geology Application and Research Center, Member of Advisory Board Hacettepe University, Member, 2018 - Continues, Turkey

Çevre Çalışma Grubu - TMOBB Jeoloji Mühendisleri Odası, Member, 2014 - Continues, Turkey

Tıbbi Jeoloji Çalışma Grubu - TMOBB Jeoloji Mühendisleri Odası , Member, 2005 - Continues, Turkey

Member of Asbest Working Subcommittee in The Republic of Turkey Ministry of Health , Member, 2017 - 2018, Turkey  
Medical Geology Subcommittee of National Cancer Advisory Board, The Republic of Turkey Ministry of Health, Member,  
2006 - 2015, Turkey  
Advisory and Assessment Board of Turkish Standards Institute , Member, 2011 - 2013, Turkey

## Tasks In Event Organizations

Toksoy Köksal F., İmer A., BOZKURT E., 75th Geological Congress of Türkiye, Scientific Congress, Turkey, Nisan 2023  
Seyitoğlu G., Toksoy Köksal F., 74. Türkiye Jeoloji Kurultayı, Scientific Congress, Ankara, Turkey, Nisan 2022  
Sayit K., Parlak O., Çelik Balcı N., Akgün A., TOKSOY KÖKSAL F., 73. Türkiye Jeoloji Kurultayı, Scientific Congress, Ankara,  
Turkey, Nisan 2021  
Yiğitbaş E., Baba A., Eyüpoğlu Y., Toksoy-Köksal F., Kurttaş T., Avcı M., 71. Türkiye Jeoloji Kurultayı, Scientific Congress,  
Ankara, Turkey, Nisan 2018  
Köksal F., Türkmenoğlu A. G., Fourth Mediterranean Clay Meeting, Scientific Congress, Turkey, Eylül 2006  
Toksoy-Köksal F., International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent  
Progress in Tectonics and Paleoseismology, and Field Training Course in Paleoseismology, Scientific Congress, Turkey,  
Eylül 2003  
Toksoy F., 2nd International Symposium on Petroleum Geology and Hydrocarbon Potential of the Black Sea Region,  
Scientific Congress, Turkey, Eylül 1996  
Toksoy F., I.G.C.P. Project No: 351, 3rd International Meeting on Early Paleozoic Evolution in Northwest Gondwana,  
Scientific Congress, Turkey, Kasım 1995

## Metrics

Publication: 83  
Citation (WoS): 266  
Citation (Scopus): 282  
H-Index (WoS): 8  
H-Index (Scopus): 8

## Congress and Symposium Activities

Symposium of Quarries, Sculpture Workplaces and Yesemek's Place in the Old Near East , Invited Speaker, Gaziantep,  
Turkey, 2017

1. Ulusal SPA-Wellness Kongresi, Invited Speaker, Antalya, Turkey, 2008

## Invited Talks

Asbestin tanımlanması; üretim, kullanım ve bertarafı süreçlerinde yaşanan sorunlar, Seminar, Jeoloji Mühendisleri Odası,  
Turkey, February 2019  
Asbest ve Riskleri, Seminar, Türkiye Petrol Jeologları Derneği, Turkey, May 2017  
"Kentsel Dönüşüm ve Asbest Tehlikesi" , Seminar, Türk TORAKS DERNEĞİ, Turkey, March 2017

## Scholarships

Human Resources (TÜBİTAKBAYG), Turkey – Short-Term Research fellowship, TUBITAK, 2002 - 2003  
Short-Term Research fellowship, Other International Organizations, 2002 - 2002

International Quality Network post-doctoral fellowship, Other International Organizations, 2001 - 2001  
travel grant, Other International Organizations, 2000 - 2000  
Bilim Adamı Yetiřtirme Grubu - Bilimsel Toplantıya Katılma Desteęi, TUBİTAK, 1999 - 1999  
Directorate of Human Resources (TÜBİTAKBAYG), Turkey, TUBİTAK, 1996 - 1997

## **Awards**

Toksoy-Köksal F., Altın Çekiç , Jeoloji Mühendisleri Odası, April 2006

## **Non Academic Experience**

Company, Incorporated Joint Stock Company of Kalebodur Ceramic Industries, Dept. of Research and Development  
Laboratory  
Kalebodur Seramik Sanayi A.Ş.