

## Prof. ASUMAN GÜNAL TÜRKMEÑOĞLU

### Personal Information

**Email:** [asumant@metu.edu.tr](mailto:asumant@metu.edu.tr)

**Web:** <https://avesis.metu.edu.tr/asumant>

### Advising Theses

- GÜNAL TÜRKMEÑOĞLU A., Geology mineralogy and origin of kaolin deposits occurring around Ahirözü (Mihaliççık-Eskişehir), Doctorate, İ.ÖMEROĞLU(Student), 2018
- GÜNAL TÜRKMEÑOĞLU A., Archaeometrical and geoarchaeological studies in prehistoric settlement of Domuztepe ( Kahramanmaraş-Turkey ), Doctorate, M.DİRİCAN(Student), 2018
- GÜNAL TÜRKMEÑOĞLU A., Clay mineralogy and diagenesis of K-bentonites occurring in the devonian Yılanlı formation from North Western Anatolia (Bartın - Zonguldak), Post Graduate, Ö.Ünlüce(Student), 2013
- GÜNAL TÜRKMEÑOĞLU A., Clay mineralogy and diagenesis of K-bentonites occurring in the devonian yılanli formation from North Western Anatolia (Bartın-Zonguldak), Post Graduate, Ö.ÜNLÜCE(Student), 2013
- GÜNAL TÜRKMEÑOĞLU A., SEISMIC GEOMORPHOLOGY AND STRATIGRAPHY OF THE INCISED VALLEY SYSTEM DEVELOPED ON THE UPPER CRETACEOUS GARZAN FORMATION, THE SILIVANKA OIL FIELD, SOUTHEAST TURKEY, Doctorate, H.SARIKAYA(Student), 2013
- GÜNAL TÜRKMEÑOĞLU A., Evaluation of a cenozoic lacustrine basin: Hançili formation (Kalecik-Ankara) and its paleoenvironment and paleoclimate analysis based on mineral facies, Doctorate, S.AKER(Student), 2013
- GÜNAL TÜRKMEÑOĞLU A., Evaluation of a Cenozoic Lacustrine Basin-Hançılı formation (Kalecik-Ankara) and its paleoenvironment and paleoclimate analysis based on mineral facies, Doctorate, S.Aker(Student), 2013
- GÜNAL TÜRKMEÑOĞLU A., Archaeometrical study on marble forgery, Post Graduate, G.SONGÜL(Student), 2012
- GÜNAL TÜRKMEÑOĞLU A., An investigation on the mineralogical, petrographical and chemical properties of stone objects from Karain Cave, Antalya-Turkey, Post Graduate, M.EFE(Student), 2012
- GÖKTÜRK E. H. , GÜNAL TÜRKMEÑOĞLU A., Material characterization of the late 12th-13th century Byzantine ceramics from Kuşadası Kadıkalesi/Anaia, Doctorate, B.Kırmızı(Student), 2012
- GÜNAL TÜRKMEÑOĞLU A., Paleoclimatological approach to plio-quatarnary paleosol-calcrete sequences in Bala and Gölbaşı (Ankara) by using mineralogical and geochemical proxies, Doctorate, C.Küçükuysal(Student), 2011
- GÜNAL TÜRKMEÑOĞLU A., Diagenesis of cudi group formations from Dinçer-1 and south Dinçer-1 wells, Southeast Anatolia Turkey, Post Graduate, A.ÖZKAN(Student), 2011
- GÜNAL TÜRKMEÑOĞLU A., Mineralogy and production technology of Değirmentepe (Malatya) pottery, Post Graduate, M.BİLGİ(Student), 2011
- GÜNAL TÜRKMEÑOĞLU A., Diagenesis of Cudi group formations from Dinçer-1 and south Dinçer 1 wells, se Anatolia Turkey, Post Graduate, A.Kahraman(Student), 2010
- GÜNAL TÜRKMEÑOĞLU A., YILMAZ İ. Ö. , Sedimentological, cyclostratigraphic analysis and reservoir characterization of Balakhany x formation within the productive series Azeri field on C01 well (Offshore Azerbaijan), Post Graduate, E.BİNYATOV(Student), 2008
- GÜNAL TÜRKMEÑOĞLU A., Prediction techniques of acid mine drainage: a case study of a new poly- metallic mine development in Erzincan-Iliç, Turkey, Doctorate, G.Aslı(Student), 2007
- GÜNAL TÜRKMEÑOĞLU A., Preparation of clay-polymer nanocomposite for the retardation of waste water infiltration in landfill sites, Post Graduate, M.Bildiren(Student), 2007
- GÜNAL TÜRKMEÑOĞLU A., Hydrothermal alteration of volcanic rocks from galateon volcanic province of Çeltikçi area (Northwest of Ankara), Post Graduate, S.Seda(Student), 2002
- GÜNAL TÜRKMEÑOĞLU A., Source rock potential and organic facies properties of the oligo-miocene deposits in the Pasinler-Horasan, Tercan-Aşkale basins (East Anatolia), Doctorate, T.TEKİN(Student), 2002

GÜNAL TÜRKMEÑOĞLU A., Use of tuffs as pozzolanic materials in cement industry., Post Graduate, U.Sölpüker(Student), 2002

GÜNAL TÜRKMEÑOĞLU A., Geoarchaeometrical study of the Burgaz area, Datça peninsula, Turkey., Post Graduate, M.DİRİCAN(Student), 2002

GÜNAL TÜRKMEÑOĞLU A., Geological system analysis for mineral exploration in sedimentary basins by using spaceborne imaging systems; An imaging radar case study for the Kalecik-Hasayaz Basin, Ankara, Turkey., Doctorate, T.Özalp(Student), 1998

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

- I. **Hydrothermal alteration products in the vicinity of the Ahirozu kaolin deposits, Mihalıccık-Eskisehir, Turkey**  
Sayit I. O. , GÜNAL TÜRKMEÑOĞLU A., Sayin S. A. , Demirci C.  
CLAY MINERALS, vol.53, no.2, pp.289-303, 2018 (Journal Indexed in SCI)
- II. **Illitization of Late Devonian-Early Carboniferous K-bentonites from Western Pontides, NW Turkey: Implications for their origin and age**  
BOZKAYA Ö., GÜNAL TÜRKMEÑOĞLU A., GÖNCÜOĞLU M. C. , Unluce O., YILMAZ İ. Ö. , Schroeder P. A.  
APPLIED CLAY SCIENCE, vol.134, pp.257-274, 2016 (Journal Indexed in SCI)
- III. **Clay mineralogy, chemistry, and diagenesis of Late Devonian K-bentonite occurrences in northwestern Turkey**  
GÜNAL TÜRKMEÑOĞLU A., BOZKAYA Ö., GÖNCÜOĞLU M. C. , Unluce O., YILMAZ İ. Ö. , OKUYUCU C.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.24, no.3, pp.209-229, 2015 (Journal Indexed in SCI)
- IV. **Multiproxy evidence of Mid-Pleistocene dry climates observed in calcretes in Central Turkey**  
Kucukuysal C., GÜNAL TÜRKMEÑOĞLU A., Kapur S.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, no.3, pp.469-483, 2013 (Journal Indexed in SCI)
- V. **Preface: clay mineral diagenesis and very low-grade metamorphic processes. Proceedings of the 2011 Frey-Kubler symposium**  
Maehlmann R. F. , Nieto F., Bozkaya O., Potel S., GÜNAL TÜRKMEÑOĞLU A.  
SWISS JOURNAL OF GEOSCIENCES, vol.105, no.2, pp.117-120, 2012 (Journal Indexed in SCI)
- VI. **ESR dating of calcrete nodules from Bala, Ankara (Turkey): Preliminary results**  
Kucukuysal C., Engin B., GÜNAL TÜRKMEÑOĞLU A., Aydas C.  
APPLIED RADIATION AND ISOTOPES, vol.69, no.2, pp.492-499, 2011 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **ORTA KİLİ MİNERALojİK ÖZELLİKLERİNİN JEOTEKNİK PARAMETRELERE ETKİSİ**  
AKGÜN H., Günal Türkmenoğlu A., ARSLAN A., YOUSEFİBAVİL K., ÖNER G., KOÇKAR M. K.  
17. Ulusal Kil Sempozyumu, Muğla, Turkey, 4 - 07 October 2017
- II. **ORTA KİLİNİN MİNERALojİK ÖZELLİKLERİ**  
AKGÜN H., Günal Türkmenoğlu A., ARSLAN A., YOUSEFİBAVİL K., ÖNER G., KOÇKAR M. K.  
17. Ulusal Kil Sempozyumu, Muğla, Turkey, 4 - 07 October 2017

## Supported Projects

GÜNAL TÜRKMEÑOĞLU A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

GÜNAL TÜRKMEÑOĞLU A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

## Citations

Total Citations (WOS):34

h-index (WOS):4