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Research Areas

Hydrology-Hydrometeorology, Environmental Chemistry, Water Pollution and Control, Water and Air Resources Management, Remote sensing, Ore Deposits-Geochemistry, Applied Geochemistry, Mineral Exploration Geology, Metallic Mineral Deposits, Hydrogeology and Hidrology

Academic Titles / Tasks

Medical Doctor, Istanbul Technical University, Maden, Jeoloji Mühendisliği, 2017 - Continues

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

- **REE geochemical characteristics and satellite-based mapping of hydrothermal alteration in Atud gold deposit, Egypt**
Abdelnasser A., Kumral M., Zoheir B., Karaman M., Weihed P.
Journal of African Earth Sciences, vol.145, pp.317-330, 2018 (Journal Indexed in SCI Expanded)
- **Risk assessment of trace metals in an extreme environment sediment: shallow, hypersaline, alkaline, and industrial Lake Acigöl, Denizli, Turkey**
Budakoğlu M., Karaman M., Kumral M., Zeytuncu B., Döner Z., Yildirim D. K., TAŞDELEN S., BÜLBÜL A., Gumus L.
Environmental Monitoring and Assessment, vol.190, 2018 (Journal Indexed in SCI Expanded)
- **Determination of seasonal changes in wetlands using CHRIS/Proba Hyperspectral satellite images: A case study from Acigöl (Denizli), Turkey**
Karaman M., Budakoğlu M., Uca Avci Z. D. , Ozelkan E., Bulbul A., Civas M., Tasdelen S.
Journal of Environmental Biology, vol.36, pp.73-83, 2015 (Journal Indexed in SCI)
- **Derivation of PM10 levels using obra on landsat 5 TM images: A case study in Izmir, Turkey**
Ozelkan E., Karaman M., Mostamandy S., Avci Z. D. U. , Toros H.
Fresenius Environmental Bulletin, vol.24, pp.1585-1596, 2015 (Journal Indexed in SCI)
- **The rare earth element geochemistry on surface sediments, shallow cores and lithological units of Lake Acigöl basin, Denizli, Turkey**
Budakoğlu M., Abdelnasser A., Karaman M., Kumral M.
Journal of Asian Earth Sciences, vol.111, pp.632-662, 2015 (Journal Indexed in SCI Expanded)
- **Investigation of grapevine photosynthesis using hyperspectral techniques and development of hyperspectral band ratio indices sensitive to photosynthesis**
Ozelkan E., Karaman M., Candar S., Coskun Z., Ormeci C.
JOURNAL OF ENVIRONMENTAL BIOLOGY, vol.36, pp.91-100, 2015 (Journal Indexed in SCI)
- **OBIA based hierarchical image classification for industrial lake water**
Avci Z. D. U. , KARAMAN M., OZELKAN E., Kumral M., Budakoğlu M.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.487, pp.565-573, 2014 (Journal Indexed in SCI)
- **Archaeal Microbial Diversity of Hypersaline Lake Acigöl, Denizli, Turkey**

Articles Published in Other Journals

- **Geology and Alteration Geochemistry of Hydrothermal Cu Mineralization in the Diabases to the Southern of Hasenekevleri (Maden-Elazığ)n Jeokimyası**
Yalçın C., Kumral M., Kaya M., Karaman M.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.9, pp.1282-1296, 2020 (National Refreed University Journal)
- **Rare Earth Element Geochemistry Of Sarıveliler (Karaman) Fluorites Related To Carbonate Rocks in Middle Taurus**
Uras Y., Yalçın C., İncediş Y., Karaman M.
Firat Üniversitesi Mühendislik Bilimleri Dergisi, vol.31, pp.519-528, 2019 (National Refreed University Journal)
- **GEOLOGY AND GEOCHEMISTRY OF BARITE-BEARING Zn-Pb MINERALIZATION RELATED TO CARBONATE ROCKS IN THE ALADAĞ UNIT (ÇAYARASI-ALANYA)**
Gümüş L., Kumral M., Yalçın C., Kaya M., Ünlüer A. T. , Öztürk S., Karaman M.
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.7, pp.1209-1213, 2018 (National Refreed University Journal)
- **Influence of Basin Hydrogeology in the Detectability of Narrow Rivers by Sentinel2-A Satellite Images: A Case Study in Karamenderes (Çanakkale)**
Karaman M., Özelkan E., Taşdelen S.
Doğal Afetler ve Çevre Dergisi, vol.4, pp.140-155, 2018 (National Refreed University Journal)
- **THE ANALYSIS OF THE EFFECT OF METEOROLOGICAL AND HYDROLOGICAL DROUGHT ON DAM LAKE VIA MULTITEMPORAL SATELLITE IMAGES: A CASE STUDY IN ATIKHİSAR DAM LAKE (ÇANAKKALE)**
Özelkan E., Karaman M.
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.7, pp.1023-1037, 2018 (National Refreed University Journal)

Books & Book Chapters

- **Kent Alanlarının CBS Ortamında Hidrometeorolojik Değerlendirmesi**
Karaman M., Özelkan E.
in: Değişen ve Gelişen Laspeki Kentsel Altyapısı, Alper Sağlık, Editor, Çanakkale Onsekiz Mart Üniversitesi, Çanakkale, pp.97-109, 2018
- **Usability of satellite images in monitoring mining activities, the example of Kaz Mountains, Environment and Ecology in the Mediterranean Region**
Özelkan E., Karaman M., Uça Avcı Z. D.
in: Environment and Ecology in the Mediterranean Region, Recep Efe, Munir Ozturk, Shahina Ghazanfar, Editor, Cambridge Scholars Publishing, Newcastle Upon Tyne, pp.271-282, 2012

Refereed Congress / Symposium Publications in Proceedings

- **Multiscale fourier domain fusion technique for remotely sensed spot images**
PAPILA I., Uça Avcı Z. D. , KARAMAN M., OZELKAN E., Kent S.
34th International Symposium on Remote Sensing of Environment - The GEOSS Era: Towards Operational Environmental Monitoring, Sydney, Australia, 10 - 15 April 2011
- **Drought determination by using land surface temperature and normalized difference vegetation index**

Ozelkan E., Papila I., Uca Avci D., Karaman M.

34th International Symposium on Remote Sensing of Environment - The GEOSS Era: Towards Operational Environmental Monitoring, Sydney, Australia, 10 - 15 April 2011

● **A comparison of pixel-based and object-based classification methods, a case study: Istanbul, Turkey**

Uca Avci Z., Karaman M., Ozelkan E., Papila I.

34th International Symposium on Remote Sensing of Environment - The GEOSS Era: Towards Operational Environmental Monitoring, Sydney, Australia, 10 - 15 April 2011

● **The analysis of destruction in flamingo habitat of acigol wetland**

Karaman M., Uca Avci Z., Papila I., Ozelkan E.

34th International Symposium on Remote Sensing of Environment - The GEOSS Era: Towards Operational Environmental Monitoring, Sydney, Australia, 10 - 15 April 2011

● **Determination of the Forest Fire Potential by Using Remote Sensing and Geographical Information System, Case Study-Bodrum/Turkey**

Özelkan E., Örmeci C., Karaman M.

Advances in Remote Sensing and GIS applications in Forest Fire Management: from local to global assessments, Milan, Italy, 20 - 21 October 2011, pp.51-55

● **Investigation on draining of the Lake Amik and the related environmental changes, by using remote sensing technology**

Özelkan E., Uca Avci Z. D. , Karaman M.

31st EARSeL Symposium "Remote Sensing and Geoinformation not only for Scientific Cooperation", Praha, Czech Republic, 30 May - 02 June 2011, vol.30, pp.20-29

● **Use of remote sensing in determining the environmental effects of open pit mining and monitoring the recultivation process**

Uca Avci Z. D. , Karaman M., Özelkan E.

22nd International Mining Congress and Exhibition of Turkey, IMCET 2011, Ankara, Turkey, 11 - 13 May 2011, pp.437-442

Supported Projects

Özelkan E., Karaman M., Project Supported by Higher Education Institutions, Coğrafi Bilgi Sistemleri Kullanarak Sel ve Taşkın Alanlarının İncelenmesi Karamenderes Havzası Örneği, 2020 - 2022

Kumral M., HANILÇI N., Karaman M., Kocatürk H., ABDELNASSER A., Project Supported by Higher Education Institutions, Nahcivan Özerk Bölgesinde Bulunan Porfiri Cu-Mo-Au Yatağının Kökensel İncelenmesi, 2014 - 2020

Karaman M., Taşdelen S., Project Supported by Higher Education Institutions, HİPERSALİN ACIGÖL'ÜN (DENİZLİ) HİDROJEOKİMYASAL ÖZELLİKLERİ VE UZAKTAN ALGILAMA YÖNTEMLERİ İLE DEĞERLENDİRİLMESİ, 2015 - 2018

Budakoğlu M., Taşdelen S., Bülbül A., Kumral M., TUBİTAK Project, Göl Kıyısı Güncel Biomineralizasyon Olusum Alanlarının ve Göl Havzası Hidrojeokimyasal Parametrelerinin Yerinde ve Uzaktan Algılama Yöntemleriyle Değerlendirilmesi: Acıgöl, Denizli, Batı Anadolu, Türkiye, 2011 - 2014

Citations

Total Citations (WOS):32

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