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Education Information

Doctorate, Bülent Ecevit Üniversitesi, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği Anabilim Dalı, Turkey 2013 - 2018

Postgraduate, Bülent Ecevit Üniversitesi, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği Anabilim Dalı, Turkey 2010 - 2013

Undergraduate, Bülent Ecevit Üniversitesi, Mühendislik Fakültesi, Jeodezi Ve Fotogrametri Mühendisliği Bölümü, Turkey 2005 - 2010

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, ERASMUS+ Staff Mobility Programme, The Center for the Study of the Biosphere from Space (CESBIO), Advisor: Dr. Mehrez ZRIBI, 2019

Education Management and Planning, ERASMUS+ Staff Mobility Programme, The Center for the Study of the Biosphere from Space (CESBIO), Advisor: Dr. Mehrez ZRIBI, 2016

Dissertations

Doctorate, Aktif Mikrodalga Uydu Görüntü Verileri Kullanılarak Toprak Neminin Belirlenmesi, Bülent Ecevit Üniversitesi, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği Anabilim Dalı, 2018

Postgraduate, Uzaktan Algılama Verileri ile Bölgesel Çevre Etkilerinin Belirlenmesi: Zonguldak Örneği, Bülent Ecevit Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Anabilim Dalı, 2013

Research Areas

Geographic Information Systems and Remote Sensing, Atmospheric Sciences and Meteorological Engineering, Geotechnical Engineering, Remote sensing, Pattern Recognition and Image Processing, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Cukurova University, Mimarlık Fakültesi, Mimarlık, 2021 - Continues

Research Assistant PhD, Cukurova University, Ceyhan Mühendislik Fakültesi, Harita Mühendisliği, 2018 - 2021

Research Assistant, Zonguldak Bülent Ecevit University, Faculty Of Engineering, 2012 - 2018

Research Assistant, Cukurova University, Ceyhan Mühendislik Fakültesi, Harita Mühendisliği, 2011 - 2012

Courses

Temel Bilgi Teknolojileri, Undergraduate, 2018 - 2019

Matematik 1, Undergraduate, 2018 - 2019

Temel Bilgi Teknolojileri, Undergraduate, 2018 - 2019

Mühendisler İçin Matematik 1, Undergraduate, 2018 - 2019

Advising Theses

Marangoz A. M., Şekertekin A., Investigation of the effects of artificial water structures on change of surface land temperature use meteorological data and satellite images: A case study of Afyonkarahisar, Postgraduate, N.GÖKDEMİR(Student), 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Burned Area Detection Using Multi-Sensor SAR, Optical, and Thermal Data in Mediterranean Pine Forest**
Abdikan S., Bayık Ç., Şekertekin A., Bektaş Balçık F., Karimzadeh S., Matsuoka M., Balık Şanlı F.
Forests, vol.13, no.2, pp.1-18, 2022 (SCI-Expanded)
- II. **Application of long short-term memory (LSTM) neural network based on deep learning for electricity energy consumption forecasting**
BİLGİLİ M., ARSLAN N., ŞEKERTEKİN A., YAŞAR A.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.30, no.1, pp.140-157, 2022 (SCI-Expanded)
- III. **Google Earth Engine based spatio-temporal analysis of air pollutants before and during the first wave COVID-19 outbreak over Turkey via remote sensing**
Ghasempour F., Şekertekin A., Kutoğlu Ş. H.
JOURNAL OF CLEANER PRODUCTION, vol.319, pp.1-20, 2021 (SCI-Expanded)
- IV. **Investigation of Possible MODIS AOD Anomalies as Earthquake Precursors for Global Earthquakes**
Kutoğlu Ş. H., Ghasempour F., Şekertekin A.
Advances In Space Research, vol.68, no.9, pp.3531-3545, 2021 (SCI-Expanded)
- V. **Short-term air temperature prediction by adaptive neuro-fuzzy inference system (ANFIS) and long short-term memory (LSTM) network**
Şekertekin A., Bilgili M., Arslan N., Yildirim A., Çelebi K., Özbek A.
METEOROLOGY AND ATMOSPHERIC PHYSICS, vol.133, pp.943-959, 2021 (SCI-Expanded)
- VI. **A Survey on Global Thresholding Methods for Mapping Open Water Body Using Sentinel-2 Satellite Imagery and Normalized Difference Water Index**

Şekertekin A.

Archives Of Computational Methods In Engineering, vol.28, no.3, pp.1335-1347, 2021 (SCI-Expanded)

- VII. **Atmospheric, ionospheric and earth-related variations associated with the 11th August 2012 earthquakes, Ahar, Iran**
Mohamed E. K., Gahalaut V. K., Şekertekin A., İnyurt S.
Journal Of Atmospheric And Solar-Terrestrial Physics, vol.216, pp.1-13, 2021 (SCI-Expanded)
- VIII. **Prediction of 10-min, hourly, and daily atmospheric air temperature: comparison of LSTM, ANFIS-FCM, and ARMA**
Ozbek A., Sekertekin A., Bilgili M., Arslan N.
Arabian Journal Of Geosciences, vol.14, no.7, pp.1-16, 2021 (SCI-Expanded)
- IX. **Simulation of future land surface temperature distribution and evaluating surface urban heat island based on impervious surface area**
Şekertekin A., Zadbagher E.
ECOLOGICAL INDICATORS, vol.122, pp.1-11, 2021 (SCI-Expanded)
- X. **Modeling Diurnal Land Surface Temperature on a Local Scale of an Arid Environment Using Artificial Neural Network (ANN) and Time Series of Landsat-8 Derived Spectral Indexes**
Şekertekin A., Arslan N., Bilgili M.
Journal of Atmospheric and Solar-Terrestrial Physics, vol.206, 2020 (SCI-Expanded)
- XI. **Sensitivity Analysis and Validation of Daytime and Nighttime Land Surface Temperature Retrievals from Landsat 8 Using Different Algorithms and Emissivity Models**
ŞEKERTEKİN A., Bonafoni S.
REMOTE SENSING, vol.12, no.17, 2020 (SCI-Expanded)
- XII. **Albedo Retrieval From Sentinel-2 by New Narrow-to-Broadband Conversion Coefficients**
Bonafoni S., ŞEKERTEKİN A.
IEEE GEOSCIENCE AND REMOTE SENSING LETTERS, vol.17, no.9, pp.1618-1622, 2020 (SCI-Expanded)
- XIII. **Ionospheric TEC forecasting using Gaussian Process Regression (GPR) and Multiple Linear Regression (MLR) in Turkey**
İnyurt S., Hasanpour Kashani M., ŞEKERTEKİN A.
ASTROPHYSICS AND SPACE SCIENCE, vol.365, no.6, 2020 (SCI-Expanded)
- XIV. **Pre-seismic ionospheric anomalies and spatio-temporal analyses of MODIS Land surface temperature and aerosols associated with Sep, 24 2013 Pakistan Earthquake**
ŞEKERTEKİN A., İnyurt S., YAPRAK S.
JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS, vol.200, 2020 (SCI-Expanded)
- XV. **ALOS-2 and Sentinel-1 SAR data sensitivity analysis to surface soil moisture over bare and vegetated agricultural fields**
ŞEKERTEKİN A., MARANGOZ A. M., ABDİKAN S.
COMPUTERS AND ELECTRONICS IN AGRICULTURE, vol.171, 2020 (SCI-Expanded)
- XVI. **Land Surface Temperature Retrieval from Landsat 5, 7, and 8 over Rural Areas: Assessment of Different Retrieval Algorithms and Emissivity Models and Toolbox Implementation**
ŞEKERTEKİN A., Bonafoni S.
REMOTE SENSING, vol.12, no.2, 2020 (SCI-Expanded)
- XVII. **Validation of Physical Radiative Transfer Equation-Based Land Surface Temperature Using Landsat 8 Satellite Imagery and SURFRAD in-situ Measurements**
ŞEKERTEKİN A.
JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS, vol.196, 2019 (SCI-Expanded)
- XVIII. **Application of Long Short-Term Memory neural network model for the reconstruction of MODIS Land Surface Temperature images**
ARSLAN N., ŞEKERTEKİN A.
JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS, vol.194, 2019 (SCI-Expanded)
- XIX. **Potential of global thresholding methods for the identification of surface water resources using Sentinel-2 satellite imagery and normalized difference water index**

ŞEKERTEKİN A.

JOURNAL OF APPLIED REMOTE SENSING, vol.13, no.4, 2019 (SCI-Expanded)

- XX. **Modeling and predicting seasonal ionospheric variations in Turkey using artificial neural network (ANN)**
Inyurt S., ŞEKERTEKİN A.
ASTROPHYSICS AND SPACE SCIENCE, vol.364, no.4, 2019 (SCI-Expanded)
- XXI. **Monitoring thermal anomaly and radiative heat flux using thermal infrared satellite imagery - A case study at Tuzla geothermal region**
ŞEKERTEKİN A., ARSLAN N.
GEOTHERMICS, vol.78, pp.243-254, 2019 (SCI-Expanded)
- XXII. **Sensitivity Analysis of Multi-Temporal Sentinel-1 SAR Parameters to Crop Height and Canopy Coverage**
Nasirzadehdizaji R., Sanli F. B., Abdikan S., Çakır Z., ŞEKERTEKİN A., ÜSTÜNER M.
APPLIED SCIENCES-BASEL, vol.9, no.4, 2019 (SCI-Expanded)
- XXIII. **The acquisition of impervious surface area from LANDSAT 8 satellite sensor data using urban indices: a comparative analysis**
ŞEKERTEKİN A., Abdikan S., Marangoz A. M.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.190, no.7, 2018 (SCI-Expanded)
- XXIV. **Evaluation of spatio-temporal variability in Land Surface Temperature: A case study of Zonguldak, Turkey**
Sekertekin A., KUTOĞLU Ş. H., Kaya Ş.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.188, no.1, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Mapping of Land Surface Temperature Using Landsat-8 Satellite Data Based on the Radiative Transfer Equation**
Şekertekin A.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.19, no.3, pp.769-777, 2019 (Peer-Reviewed Journal)
- II. **Zonguldak Metropolitan Alanındaki Arazi Kullanımı Arazi Örtüsünün Yer Yüzey Sıcaklığına Etkisi**
Şekertekin A., Marangoz A. M.
Geomatik Dergisi, vol.4, no.2, pp.101-111, 2019 (Peer-Reviewed Journal)
- III. **Soil Moisture Mapping Using Sentinel-1A Synthetic Aperture Radar Data**
ŞEKERTEKİN A., Marangoz A. M., Abdikan S.
International Journal of Environment and Geoinformatics, vol.5, no.2, pp.178-188, 2018 (Peer-Reviewed Journal)
- IV. **An Erdas Imagine Model to Extract Urban Indices Using Landsat 8 Satellite Imagery**
ŞEKERTEKİN A., Marangoz A. M.
International Journal of Scientific & Technology Research, vol.6, no.1, pp.62-67, 2017 (Scopus)
- V. **Uzaktan Algılama Teknolojisi ve Uydu Görüntüleri Yardımıyla Önemli Çevresel (Su Ve Kara Yüzeyi) Etkilerin Gözlemlenmesi**
ŞEKERTEKİN A., KUTOĞLU S. H., MARANGOZ A. M.
KARAEMLAS FEN VE MÜHENDİSLİK DERGİSİ, vol.5, no.2, pp.105-112, 2015 (Peer-Reviewed Journal)
- VI. **Açık Maden İşletmeciliği Uygulamalarında Elipsoidal Yükseklik Farklarından Ortometrik Yükseklik Belirleme Üzerine Deneysel Araştırma**
AKCIN H., ŞEKERTEKİN A.
Harita Teknolojileri Elektronik Dergisi, vol.6, no.3, pp.22-31, 2014 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Development of a Geospatial Model for Automated Retrieval of Land Surface Temperature from Landsat 8 Satellite Imagery**
ŞEKERTEKİN A.
in: Theoretical Investigations and Applied Studies in Engineering, Turgut OZSEVEN, Editor, Ekin Publishing House, Bursa, pp.143-156, 2019
- II. **Mapping of Surface Water Resources: A Comparative Analysis of Eight Image Classification Methods**
ŞEKERTEKİN A.
in: Theoretical Investigations and Applied Studies in Engineering, Turgut OZSEVEN, Editor, Ekin Publishing House, Bursa, pp.269-284, 2019
- III. **Development of a Geospatial Model for Automated Retrieval of Land Surface Temperature from Landsat 8 Satellite Imagery**
ŞEKERTEKİN A.
in: Theoretical Investigations and Applied Studies in Engineering, Turgut Ozseven, Ebubekir Yasar, Editor, EKİN Publishing House, Bursa, pp.143-156, 2019
- IV. **Mapping of Surface Water Resources: A Comparative Analysis of Eight Image Classification Methods**
ŞEKERTEKİN A.
in: Theoretical Investigations and Applied Studies in Engineering, Turgut Ozseven, Ebubekir Yasar, Editor, EKİN Publishing House, Bursa, pp.269-284, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **COHERENCE and BACKSCATTER BASED CROPLAND MAPPING USING MULTI-TEMPORAL SENTINEL-1 with DYNAMIC TIME WARPING**
Narin Ö. G., Abdikan S., Bayık Ç., Şekertekin A., Delen A., Balık Şanlı F.
XXIV ISPRS Congress, Nice, France, 5 - 09 July 2021, pp.37-41
- II. **The Use Of Sentinel-2 Satellite Data In Examining the Relationship Between Yield and Vegetation Indices for Sunflower Plant**
Narin Ö. G., Abdikan S., ŞEKERTEKİN A., DELEN A., Balık Sanli F.
International Symposium on Applied Geoinformatics (ISAG-2019), İstanbul, Turkey, 7 - 09 November 2019
- III. **Building a Geospatial Model in GIS Environment for Automated Retrieval of Satellite-Based Land Surface Temperature**
ŞEKERTEKİN A.
Second International Congress on Geographical Education (ICGE/UCEK-2019), Eskişehir, Turkey, 3 - 05 October 2019, pp.357-0
- IV. **Use of Thermal Infrared Remote Sensing in Geothermal Exploration**
ŞEKERTEKİN A., ARSLAN N.
Second International Congress on Geographical Education (ICGE/UCEK-2019), Eskişehir, Turkey, 3 - 05 October 2019, pp.358-0
- V. **SENTINEL-2 UYDUSUNUN AYÇİÇEĞİ BİTKİSİNİ İZLEMEDEKİ PERFORMANS ANALİZİ**
NARİN Ö. G., ABDİKAN S., ŞEKERTEKİN A., DELEN A., BALIK ŞANLI F.
TUFUAB X. Teknik Sempozyumu, Aksaray, Turkey, 25 - 27 April 2019, pp.190-194
- VI. **Sentinel-2 Uydusunun Ayçiçeği Bitkisini İzlemedeki Performans Analizi**
Narin Ö. G., Abdikan S., ŞEKERTEKİN A., DELEN A., Balık Sanli F.
TUFUAB X. Teknik Sempozyumu, Aksaray, Turkey, 25 - 27 April 2019, pp.190-194
- VII. **Discovering the Changes in Land Surface Temperature Caused by the Conversion of Agricultural Lands to Residential and Urban Use**
ŞEKERTEKİN A., ARSLAN N.
9th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 11 - 14 June

2019, pp.393-398

- VIII. **Comparison of Pixel and Object-Based Classification Methods in Wetlands Using Sentinel-2 Data**
ÇİÇEKLİ S. Y., ŞEKERTEKİN A., ARSLAN N., DÖNMEZ C.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.298-302
- IX. **Comparison of Pixel and Object-Based Classification Methods in Wetlands Using Sentinel-2 Data**
ÇİÇEKLİ S. Y., ŞEKERTEKİN A., ARSLAN N., DÖNMEZ C.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.298-302
- X. **Comparison of Pixel and Object-Based Classification Methods in Wetlands Using Sentinel-2 Data**
ÇİÇEKLİ S. Y., ŞEKERTEKİN A., ARSLAN N., DÖNMEZ C.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.298-302
- XI. **Index-Based Identification of Surface Water Resources Using Sentinel-2 Satellite Imagery**
ŞEKERTEKİN A., ÇİÇEKLİ S. Y., ARSLAN N.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018
- XII. **ADANA SEYHAN BARAJ GÖLÜ ALANININ MEVSİMSSEL DEĞİŞİMİNİN YAPAY SİNİR AĞLARI İLE ANALİZİ**
ARSLAN N., ÇİÇEKLİ S. Y., DÖNMEZ C., ŞEKERTEKİN A.
Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu 2018 (UZAL-CBS 2018), Eskişehir, Turkey, 18 - 21 September 2018
- XIII. **ADANA SEYHAN BARAJ GÖLÜ ALANININ MEVSİMSSEL DEĞİŞİMİNİN YAPAY SİNİR AĞLARI İLE ANALİZİ**
ARSLAN N., ÇİÇEKLİ S. Y., DÖNMEZ C., ŞEKERTEKİN A.
Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu 2018 (UZAL-CBS 2018), Eskişehir, Turkey, 18 - 21 September 2018
- XIV. **ADANA SEYHAN BARAJ GÖLÜ ALANININ MEVSİMSSEL DEĞİŞİMİNİN YAPAY SİNİR AĞLARI İLE ANALİZİ**
ARSLAN N., ÇİÇEKLİ S. Y., DÖNMEZ C., ŞEKERTEKİN A.
Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu 2018 (UZAL-CBS 2018), Eskişehir, Turkey, 18 - 21 September 2018
- XV. **GECE VE GÜNDÜZ YER YÜZEY SICAKLIĞI GÖRÜNTÜLERİ İLE YÜZEY ISI ADASI ANALİZİ**
ŞEKERTEKİN A., ÇİÇEKLİ S. Y., ARSLAN N.
Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu 2018 (UZAL-CBS 2018), Eskişehir, Turkey, 18 - 21 September 2018
- XVI. **GECE VE GÜNDÜZ YER YÜZEY SICAKLIĞI GÖRÜNTÜLERİ İLE YÜZEY ISI ADASI ANALİZİ**
ŞEKERTEKİN A., ÇİÇEKLİ S. Y., ARSLAN N.
Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu 2018 (UZAL-CBS 2018), Eskişehir, Turkey, 18 - 21 September 2018
- XVII. **Backscatter analysis using multi-temporal Sentinel-1 SAR data for Crop growth of Maize in Konya Basin, Turkey**
Abdikan S., ŞEKERTEKİN A., Ustunern M., BALIK ŞANLI F., Nasirzadehdizaji R.
2018 ISPRS TC III Mid-Term Symposium on Developments, Technologies and Applications in Remote Sensing, Beijing, China, 7 - 10 May 2018, vol.42, pp.9-13
- XVIII. **Index-Based Identification of Surface Water Resources Using Sentinel-2 Satellite Imagery**
ŞEKERTEKİN A., ÇİÇEKLİ S. Y., ARSLAN N.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Turkey, 19 - 21 October 2018, pp.610-614
- XIX. **Pixel-based classification analysis of land use land cover using Sentinel-2 and Landsat-8 data**
Sekertekin A., MARANGOZ A., AKCIN H.
4th International GeoAdvances Workshop - GeoAdvances 2017: ISPRS Workshop on Multi-Dimensional and Multi-Scale Spatial Data Modeling, Safranbolu, Karabuk, Turkey, 14 - 15 October 2017, vol.42, pp.91-93
- XX. **Investigation of WEB Based PPP GNSS Service Measurement in GIS Applications**

İNYURT S., AKÇIN H., ŞEKERTEKİN A.

International Symposium On GIS Applications in Geography Geosciences (ISGGG2017), Çanakkale, Turkey, 18 - 21 October 2017

- XXI. **Investigation of Geological Formations in terms of Land Use Land Cover (LULC) Map Extracted Using Sentinel-2 Image**
Marangoz A. M., ŞEKERTEKİN A., AKCIN H., Bacak G.
International Symposium On GIS Applications in Geography & Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.219
- XXII. **GEOID DETERMINATION BY COMBINATION OF EVALUATED GNSS PPP DATA WITH ONLINE INTERNET SERVICES AND LEVELLING DATA IN 3-D EARTH SCIENCE APPLICATIONS**
AKCIN H., Inyurt S., ŞEKERTEKİN A.
International Symposium On GIS Applications in Geography & Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.105
- XXIII. **Examination of Forest Destruction Caused by the Production of IIA Group Mines of Türkiye Using Sentinel-2 Satellite Imagery**
AKCIN H., ŞEKERTEKİN A., Marangoz A. M.
International Symposium On GIS Applications in Geography & Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.143
- XXIV. **Landsat 8 Derived Land Surface Temperature (LST) and Its Relation to Land Use Land Cover Map (LULC)**
Akdogan O., Gumus R., Koc S., ŞEKERTEKİN A., Marangoz A. M.
International Symposium On GIS Applications in Geography & Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.321
- XXV. **Extraction of Surface Water Resources Using Remote Sensing Indices and Landsat 8 Data**
ŞEKERTEKİN A., Marangoz A. M., AKCIN H.
International Symposium On GIS Applications in Geography & Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.288
- XXVI. **INVESTIGATION OF WEB BASED PPP GNSS SERVICE MEASUREMENTS IN GIS APPLICATIONS**
Inyurt S., AKCIN H., ŞEKERTEKİN A.
International Symposium On GIS Applications in Geography & Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.256
- XXVII. **A Research Proposal Concerning Investigation of the Effects of Artificial Water Constructions on Humidity and Land Surface Temperature (LST): A Case Study of Afyonkarahisar**
Gökdemir N., ŞEKERTEKİN A., Marangoz A. M.
1st Engineers of Future ? International Student Symposium ? EFIS2017, Zonguldak, Turkey, 15 - 16 June 2017, pp.28
- XXVIII. **An Investigation on the Accuracy of Classification Results for Tree Species in Forest Areas Using Pixel and Object-Based Classification Methods**
Bıyıklı D., ŞEKERTEKİN A., Marangoz A. M.
1st Engineers of Future ? International Student Symposium ? EFIS2017, Zonguldak, Turkey, 15 - 16 June 2017, pp.43
- XXIX. **Urban Development Analysis of Zonguldak City by Remote Sensing Technologies**
Yılmaz S., Marangoz A. M., ŞEKERTEKİN A., Oruç M.
1st Engineers of Future ? International Student Symposium ? EFIS2017, Zonguldak, Turkey, 15 - 16 June 2017, pp.67
- XXX. **Land Surface Temperature Image Retrieval Using Landsat 8 Satellite Imagery**
Gumus R., Akdogan O., Koc S., ŞEKERTEKİN A., Marangoz A. M.
1st Engineers of Future ? International Student Symposium ? EFIS2017, Zonguldak, Turkey, 15 - 16 June 2017, pp.88
- XXXI. **Analysis of land use land cover classification results derived from sentinel-2 image**
Marangoz A. M., Sekertekin A., Akçin H.

17th International Multidisciplinary Scientific GeoConference, SGEM 2017, Albena, Bulgaria, 29 June - 05 July 2017, vol.17, pp.25-32

- XXXII. **Sürdürülebilir Havza Yönetimi İçin Kömüre Dayalı Kirliliğin Landsat 8 Görüntüleri ve Jeostatistiksel Analizlerle Zamansal İncelenmesi**
AKCIN H., ŞEKERTEKİN A.
6. UZAKTAN ALGILAMA-CBS SEMPOZYUMU (UZAL-CBS 2016), Adana, Turkey, 5 - 07 October 2016, pp.78-89
- XXXIII. **Investigating Sedimentologic Water Pollution Due to Coal in Black Sea By Geostatistical Modelling of Thermal Satellite Images**
AKCIN H., ŞEKERTEKİN A.
4th International Geography Symposium, Antalya, Turkey, 23 - 26 May 2016, pp.589-602
- XXXIV. **Zonguldak İli Kilimli İlçesi ve Termik Santral Bölgesinin Zamansal Değişiminin Uzaktan Algılama Teknikleri Kullanılarak İncelenmesi**
Ustaoglu M., Marangoz A. M., Oruç M., ŞEKERTEKİN A.
4th International Geography Symposium (GEOMED 2016), Antalya, Turkey, 23 - 26 May 2016, pp.709-718
- XXXV. **Investigating Sedimentologic Water Pollution Due to Coal in Black Sea By Geostatistical Modelling of Thermal Satellite Images**
AKCIN H., ŞEKERTEKİN A.
4th International Geography Symposium (GEOMED 2016), Antalya, Turkey, 23 - 26 May 2016, pp.589-602
- XXXVI. **The Surface Heat Island Effect of Urbanization: Spatial ? Temporal Analysis**
ŞEKERTEKİN A., KUTOGLU S. H., Marangoz A. M., KAYA S.
4th International Geography Symposium (GEOMED 2016), Antalya, Turkey, 23 - 26 May 2016, pp.80-87
- XXXVII. **Nesne-Tabanlı Sınıflandırma Teknikleri İle Zonguldak İli Merkezine Ait 125 Yıllık Kıyı Şeridi Analizi**
Marangoz A. M., ŞEKERTEKİN A., Oruç M., GORMUS K. S.
4th International Geography Symposium (GEOMED 2016), Antalya, Turkey, 23 - 26 May 2016, pp.652-663
- XXXVIII. **MONITORING THE SURFACE HEAT ISLAND (SHI) EFFECTS OF INDUSTRIAL ENTERPRISES**
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