

Prof. Elif Sertel

Personal Information

Office Phone: [+90 212 285 3803](tel:+902122853803)

Email: sertele@itu.edu.tr

Web: <https://avesis.itu.edu.tr/sertele>

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği (Dr), Turkey 2004 - 2008

Post Graduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2002 - 2004

Under Graduate, Istanbul Technical University, Turkey 1997 - 2002

Foreign Languages

English

Dissertations

Doctorate, Remote sensing and regional climate modeling of impacts of land cover changes on the climate of the Marmara region of Turkey, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2008

Post Graduate, Farklı çözünürlükteki uydu görüntülerinin geometrik dönüşümü ve dönüşüm sonucunda elde edilen görüntülerin dış doğruluğunun araştırılması, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2004

Research Areas

Geotechnical Engineering, Geographic Information Systems, Environmental Information Systems, Map, Remote sensing, Image Processing, Earth Observations (Remote Sensing), Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, 2016 - Continues

Associate Professor, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, 2010 - 2016

Assistant Professor, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, 2009 - 2010

Research Assistant, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, 2002 - 2009

Researcher, Rutgers, The State University of New Jersey, Cook College, Department Of Environmental Sciences, 2006 - 2008

Professional Experience

Manager of Research and Application Center, Istanbul Technical University, 2012 - 2021

Assistant Manager of Research and Application Center, İstanbul Teknik Üniversitesi, Uydu Haberleşme Ve Uzaktan Algılama Merkezi, 2009 - 2012

Courses

Quantitative Remote Sensing, Doctorate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021
ADVANCED REMOTE SENSING, Under Graduate, 2019 - 2020, 2020 - 2021
Spec. Topics in Remote Sens., Under Graduate, 2018 - 2019, 2019 - 2020, 2020 - 2021
Principles of Remote Sensing, Post Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021
BİLİMSEL ETİK VE SEMİNER, Post Graduate, 2020 - 2021
Databases in Engineering, Under Graduate, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021
Surveying, Under Graduate, 2016 - 2017
SPECIAL TOPICS IN RS, Under Graduate, 2017 - 2018
Surveying, Under Graduate, 2015 - 2016
Geostatistics, Under Graduate, 2015 - 2016
Geostatistics, Doctorate, 2013 - 2014

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

- I. **Rethinking CNN-Based Pansharpening: Guided Colorization of Panchromatic Images via GANs**
Özçelik F., Algancı U., Sertel E., Ünal G.
IEEE Transactions On Geoscience And Remote Sensing, vol.59, no.4, pp.3486-3501, 2021 (Journal Indexed in SCI)
- II. **Soil salinity analysis of Urmia Lake Basin using Landsat-8 OLI and Sentinel-2A based spectral indices and electrical conductivity measurements**
Gorji T., Yildirim A., Hamzehpour N., Tanık A. G. , Sertel E.
ECOLOGICAL INDICATORS, vol.112, 2020 (Journal Indexed in SCI)
- III. **Comparative Research on Deep Learning Approaches for Airplane Detection from Very High-Resolution Satellite Images**
Algancı U., Soydas M., Sertel E.
REMOTE SENSING, vol.12, no.3, 2020 (Journal Indexed in SCI)
- IV. **Vineyard site suitability analysis by use of multicriteria approach applied on geo-spatial data**
Algancı U., Kuru G. N. , Yay Algan I., Sertel E.
GEOCARTO INTERNATIONAL, vol.34, pp.1286-1299, 2019 (Journal Indexed in SCI)
- V. **Impacts of Land Cover/Use Changes on Hydrological Processes in a Rapidly Urbanizing Mid-latitude Water Supply Catchment**
Sertel E., Imamoglu M. Z. , Cüceloğlu G., Erturk A.
WATER, vol.11, 2019 (Journal Indexed in SCI)
- VI. **Separating Built-Up Areas from Bare Land in Mediterranean Cities Using Sentinel-2A Imagery**
Osgouei P. E. , Kaya Ş., Sertel E., Algancı U.
REMOTE SENSING, vol.11, 2019 (Journal Indexed in SCI)
- VII. **COMPARING TWO DIFFERENT SPATIAL INTERPOLATION APPROACHES TO CHARACTERIZE SPATIAL VARIABILITY OF SOIL PROPERTIES IN TUZ LAKE BASIN - TURKEY**
Gorji T., Algancı U., Sertel E., Tanık A. G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.2, pp.986-992, 2019 (Journal Indexed in SCI)
- VIII. **Estimation of emissions from crop residue burning using remote sensing data**
Bahsi K., Salli B., Kılıç D., Sertel E.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.19, pp.94-105, 2019 (Journal Indexed in SCI)
- IX. **Spatial Analysis of Two Different Urban Landscapes Using Satellite Images and Landscape Metrics**
Simsek D., Sertel E.
PHOTOGRAMMETRIC ENGINEERING AND REMOTE SENSING, vol.84, no.11, pp.711-721, 2018 (Journal Indexed in SCI)
- X. **Comparison of Landscape Metrics for Three Different Level Land Cover/Land Use Maps**

- Sertel E., Topaloğlu R. H. , Şallı B., Algan I. Y. , Aksu G. A.
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, vol.7, no.10, 2018 (Journal Indexed in SCI)
- XI. **Automated Orthorectification of VHR Satellite Images by SIFT-Based RPC Refinement**
Kartal H., Algancı U., Sertel E.
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, vol.7, 2018 (Journal Indexed in SCI)
- XII. **Accuracy Assessment of Different Digital Surface Models**
Algancı U., Besol B., Sertel E.
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, vol.7, 2018 (Journal Indexed in SCI)
- XIII. **OIL SPILL DETECTION USING REMOTE SENSING TECHNOLOGIES-SYNTHETIC APERTURE RADAR (SAR)**
Papila I., Sertel E., Kaya Ş., Gazioglu C.
OIL SPILL ALONG THE TURKISH STRAITS SEA AREA; ACCIDENTS, ENVIRONMENTAL POLLUTION, SOCIO-ECONOMIC IMPACTS AND PROTECTION, vol.47, pp.140-156, 2018 (Journal Indexed in SCI)
- XIV. **Single-frame super resolution of remote-sensing images by convolutional neural networks**
Tuna C., Ünal G., Sertel E.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.39, no.8, pp.2463-2479, 2018 (Journal Indexed in SCI)
- XV. **Monitoring soil salinity via remote sensing technology under data scarce conditions: A case study from Turkey**
Gorji T., Sertel E., Tanik A. G.
Ecological Indicators, vol.74, pp.384-391, 2017 (Journal Indexed in SCI Expanded)
- XVI. **RECENT SATELLITE TECHNOLOGIES FOR SOIL SALINITY ASSESSMENT WITH SPECIAL FOCUS ON MEDITERRANEAN COUNTRIES**
Gorji T., Sertel E., Tanik A. G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.1, pp.196-203, 2017 (Journal Indexed in SCI)
- XVII. **Comparison of pixel and object-based classification for burned area mapping using SPOT-6 images**
Sertel E., ALGANCI U.
GEOMATICS NATURAL HAZARDS & RISK, vol.7, no.4, pp.1198-1206, 2016 (Journal Indexed in SCI)
- XVIII. **Vineyard parcel identification from Worldview-2 images using object-based classification model**
Sertel E., YAY I.
JOURNAL OF APPLIED REMOTE SENSING, vol.8, 2014 (Journal Indexed in SCI)
- XIX. **Estimating maize and cotton yield in southeastern Turkey with integrated use of satellite images, meteorological data and digital photographs**
Algancı U., OZDOGAN M., Sertel E., ORMECI C.
FIELD CROPS RESEARCH, vol.157, pp.8-19, 2014 (Journal Indexed in SCI)
- XX. **Parcel-Level Identification of Crop Types Using Different Classification Algorithms and Multi-Resolution Imagery in Southeastern Turkey**
Algancı U., Sertel E., Ozdogan M., ORMECI C.
PHOTOGRAMMETRIC ENGINEERING AND REMOTE SENSING, vol.79, no.11, pp.1053-1065, 2013 (Journal Indexed in SCI)
- XXI. **Parcel level crop type identification using different classification algorithms and multiresolution imagery in Southeastern Turkey**
ALGANCI U., Sertel E., ÖRMECİ C., OZDOGAN M.
PHOTOGRAMMETRIC ENGINEERING AND REMOTE SENSING, vol.79, no.11, pp.1053-1065, 2013 (Journal Indexed in SCI Expanded)
- XXII. **Reply to: Akyilmaz, O., 2010. Discussion of: Sertel, E.; Cigizoglu, H.K., and Sanli, D.U., 2008. Estimating Daily Mean Sea Level Heights Using Artificial Neural Networks. Journal of Coastal Research, 24(3), 727-734; Journal of Coastal Research, 26(6), 1184-1184**
Sertel E., Cigizoglu H. K. , Sanli D. U.
JOURNAL OF COASTAL RESEARCH, vol.27, no.4, pp.791-792, 2011 (Journal Indexed in SCI)
- XXIII. **Comparison of Planimetric and Thematic Accuracy of OrbView-3 and IKONOS Images**
Yanalak M., Sertel E., Musaoglu N., İpbüker C., Kaya Ş.

- JOURNAL OF THE INDIAN SOCIETY OF REMOTE SENSING, vol.39, no.2, pp.135-146, 2011 (Journal Indexed in SCI)
- XXIV. **Modelling land cover change impact on the summer climate of the Marmara Region, Turkey**
Sertel E., ORMECI C., ROBOCK A.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.3, pp.194-202, 2011 (Journal Indexed in SCI)
- XXV. **Impacts of land cover data quality on regional climate simulations**
Sertel E., ROBOCK A., ORMECI C.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.30, no.13, pp.1942-1953, 2010 (Journal Indexed in SCI)
- XXVI. **IMPACTS OF LAND USE/LAND COVER CHANGE ON CLIMATE AND FUTURE RESEARCH PRIORITIES**
Mahmood R., PIELKE R. A. , HUBBARD K. G. , Niyogi D., BONAN G., LAWRENCE P., MCNIDER R., MCALPINE C., ETTER A., GAMEDA S., et al.
BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY, vol.91, no.1, pp.37-46, 2010 (Journal Indexed in SCI)
- XXVII. **Determination of chlorophyll-a amount in Golden Horn, Istanbul, Turkey using IKONOS and in situ data**
Ormecci C., Sertel E., Sarikaya O.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.155, pp.83-90, 2009 (Journal Indexed in SCI)
- XXVIII. **Identification of Earthquake Induced Damage Areas Using Fourier Transform and SPOT HRVIR Pan Images**
Sertel E.
SENSORS, vol.9, no.3, pp.1471-1484, 2009 (Journal Indexed in SCI)
- XXIX. **3D coastal erosion analysis of Kilyos - Karaburun region using multi-temporal satellite image data**
Şeker D. Z. , Kaya Ş., Alkan R. M. , Tanik A., Sertel E.
Fresenius Environmental Bulletin, vol.17, pp.1977-1982, 2008 (Journal Indexed in SCI Expanded)
- XXX. **Exploring impacts on environment: of road transportation a spatial approach**
Demirel H., Sertel E., KAYA Ş., SEKER D. Z.
DESALINATION, vol.226, pp.279-288, 2008 (Journal Indexed in SCI)
- XXXI. **Estimating daily mean sea level heights using artificial neural networks**
Sertel E., Cıgızoğlu H. K. , Sanli D. U.
JOURNAL OF COASTAL RESEARCH, vol.24, no.3, pp.727-734, 2008 (Journal Indexed in SCI)
- XXXII. **Assessment of landscape changes in the Kizilirmak Delta, Turkey, using remotely sensed data and GIS**
Sertel E., FINDIK N., Kaya Ş., Şeker D. Z. , SAMSUNLU A.
ENVIRONMENTAL ENGINEERING SCIENCE, vol.25, no.3, pp.353-361, 2008 (Journal Indexed in SCI)
- XXXIII. **Multi-temporal analysis and mapping of coastal erosion caused by open-mining areas**
Kaya S., Sertel E., SEKER D. Z. , TANIK A. G.
ENVIRONMENTAL FORENSICS, vol.9, pp.271-276, 2008 (Journal Indexed in SCI)
- XXXIV. **3D COASTAL EROSION ANALYSIS OF KILYOS - KARABURUN REGION USING MULTI-TEMPORAL SATELLITE IMAGE DATA**
Seker D. Z. , Kaya S., Alkan R. M. , Tanik A. G. , Saroglu E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, pp.1977-1982, 2008 (Journal Indexed in SCI)
- XXXV. **Use of semivariograms to identify earthquake damage in an urban area**
Sertel E., KAYA S., CURRAN P. J.
IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, vol.45, no.6, pp.1590-1594, 2007 (Journal Indexed in SCI)
- XXXVI. **Geometric correction accuracy of different satellite sensor images: application of figure condition**
Sertel E., KUTOGLU S. H. , Kaya S.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.28, no.20, pp.4685-4692, 2007 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Comparative Analysis on Deep Learning based Pan-sharpening of Very High-Resolution Satellite**

Images

Sertel E., Algancı U., Wang P.

International Journal of Environment and Geoinformatics, vol.8, no.2, pp.150-165, 2021 (Journal Indexed in ESCI)

- II. **Uydu Görüntüsü İşleme ve Sıkıştırma Süreçlerinin WEB Tabanlı Harita Servisi Yayın Performansına Etkilerinin Araştırılması**
Durkut Z., ALGANCI U., SERTEL E.
Geomatik, vol.5, no.3, pp.186-192, 2020 (Other Refereed National Journals)
- III. **Remote sensing approaches and mapping methods for monitoring soil salinity under different climate regimes**
Gorji T., Yildirim a., SERTEL E., TANIK A. G.
International Journal of Environment and Geoinformatics, vol.6, no.1, pp.33-49, 2019 (Refereed Journals of Other Institutions)
- IV. **Determination of the Olive Trees with Object Based Classification of Pleiades Satellite Image**
ALGANCI U., SERTEL E., KAYA Ş.
International Journal of Environment and Geoinformatics, vol.5, pp.132-139, 2018 (Refereed Journals of Other Institutions)
- V. **1:25000 ölçekli ulusal Arazi Örtüsü/Kullanımı Sınıflandırma Sistemi ile HGK TOPO Veritabanının Karşılaştırılması**
SERTEL E., MUSAOĞLU N., ALP G., YAY I., KAYA Ş., YÜKSEL B., YILMAZ A.
HARİTA DERGİSİ, 2018 (Other Refereed National Journals)
- VI. **1:25.000 Ölçekli Ulusal Arazi Örtüsü/Kullanımı Sınıflandırma Sistemi ile HGK TOPOVT Veritabanının Karşılaştırılması**
SERTEL E., MUSAOĞLU N., KAYA Ş., YAY I., Alp g., YÜKSEL b., YILMAZ A.
Harita Dergisi, vol.160, pp.34-46, 2018 (Other Refereed National Journals)
- VII. **Yüksek Çözünürlüklü Uydu Verileri Kullanılarak 1:25000 Ölçekli Ulusal Arazi Örtüsü/Kullanımı Sınıflandırma Sisteminin Geliştirilmesi**
SERTEL E., algan yay ı., alp g., MUSAOĞLU N., KAYA Ş.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, 2017 (Other Refereed National Journals)
- VIII. **Analysis Of Different Interpolation Methods For Soil Moisture Mapping Using Field Measurements And Remotely Sensed Data**
imamoğlu m. z. , SERTEL E.
International Journal of Environment and Geoinformatics, vol.3, no.3, pp.11-25, 2016 (Refereed Journals of Other Institutions)
- IX. **Drought Conditions in Turkey Between 2004 and 2013 Via Drought Indices Derived from Remotely Sensed Data**
Molavizadeh N., Sertel E., Demirel H.
Energy, Transportation and Global Warming, pp.113-121, 2016 (Refereed Journals of Other Institutions)
- X. **High resolution mapping of urban areas using SPOT-5 images and ancillary data**
Sertel E., AKAY S. S.
International Journal of Environment and Geoinformatics, vol.2, pp.63-76, 2015 (Refereed Journals of Other Institutions)
- XI. **Soil Salinity Prediction, Monitoring and Mapping Using Modern Technologies**
Sertel E., Tanik A. G. , Gorji T.
Procedia Earth and Planetary Science, vol.15, pp.507-512, 2015 (Refereed Journals of Other Institutions)
- XII. **Deprem Hasarlarının Uzaktan Algılama Verileri İle Belirlenmesi**
Kaya Ş., Sertel E.
İTÜ Vakfı Dergisi, no.66, pp.32-36, 2014 (National Non-Refereed Journal)
- XIII. **DEM Accuracy of High Resolution Satellite Images**
YANALAK M., İPBÜKER C., MUSAOĞLU N., SERTEL E., KAYA Ş.
Lecture Notes in Computer Science, 2012 (Refereed Journals of Other Institutions)
- XIV. **Uydu Görüntülerinde Mekansal Çözünürlüğün Tarım Alanlarının ve Ürün Tiplerinin Belirlenmesine**

Etkisinin Araştırılması: Şanlıurfa Örneği

Algancı U., Sertel E., ÖRMECİ C., OZDOĞAN M.

Jeodezi, Jeoinformasyon ve Arazi Yönetimi, no.105, pp.21-27, 2011 (Other Refereed National Journals)

XV. Tekirdağ İli Bağ Alanlarının Mekânsal Dağılımının Topografik Parametreler ile Olan İlişkisinin CBS Kullanarak Belirlenmesi

Sertel E., Özelkan E., Şeker D. Z. , Yay Algan I., Gündüz A., Sağlam M.

Jeodezi, Jeoinformasyon ve Arazi Yönetimi Dergisi, vol.3, pp.92-96, 2011 (Other Refereed National Journals)

XVI. Bölgesel İklim Modellemede Kullanılan Arazi Örtüsü Verilerinin Doğruluğunun Araştırılması

Sertel E., Örmeci C.

İTÜ Dergisi, vol.8, no.3, pp.29-38, 2009 (National Refreed University Journal)

Books & Book Chapters

- I. Production of a Land Cover/Land Use (LC/LU) Map of Izmir Metropolitan City by Using High-Resolution Images**
Sertel E., Topaloğlu R. H. , Bahşi K., Varol B., Musaoğlu N.
in: Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions (2nd Edition), Mohamed Ksibi, Achraf Ghorbal, Sudip Chakraborty, Helder I. Chaminé, Editor, Springer, London/Berlin , London, pp.1837-1846, 2021
- II. Comparative Research on Deep Learning Approaches for Airplane Detection from Very High-Resolution Satellite Images**
ALGANCI U., Soydaş M., SERTEL E.
in: Artificial Neural Networks and Evolutionary Computation in Remote Sensing, Kavzoglu Taskin, Editor, MDPI, Basel, pp.169-196, 2020
- III. Drought Conditions in Turkey Between 2004 and 2013 Via Drought Indices Derived from Remotely Sensed Data**
nazila M., SERTEL E., DEMİREL H.
in: Energy Transportation and Global Warming, Grammelis, Panagiotis, Editor, Springer, pp.113-121, 2016
- IV. Determination of Human Induced Coastal Changes Using RS, GIS and Geostatistics**
Sertel E., Şeker D. Z.
in: Coastal Hazards, Finkl C W., Editor, Springer-Verlag , New York, pp.85-97, 2012
- V. Identification of Earthquake Induced Damage Areas**
Sertel E.
in: Earth science : new methods and studies, Roy H. Williams, Editor, Apple Academic Hoover Press, Toronto, pp.112-123, 2012
- VI. Spatial Analyses for Environmental Impacts of Landfill Areas**
Şeker D. Z. , Kaya Ş., Musaoğlu N., Demirel H., Tank A. G. , Sertel E.
in: Survival and Sustainability, Environmental Earth Sciences, Gökçekuş H., Editor, Springer-Verlag , Berlin, pp.691-697, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. Automatic Building Segmentation using Deep Learning Techniques: Case Study for Istanbul, Turkey**
Bakırman T., Sertel E.
American Association of Geographers 2021, Washington, United States Of America, 7 - 11 April 2021, pp.1-2
- II. Sentinel-1 based flood mapping using interferometric coherence and intensity change detection approach**
Papila İ., ALGANCI U., SERTEL E.
International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives,

Nice, France, 31 August - 02 September 2020, vol.32020, pp.1697-1703

- III. **Mapping Soil Salinity by Using Landsat 8OLI Imagery and Regression Analysis over Bonab Country of east Azerbaijan Province in Iran**
Gorji T., Yıldırım A., Hamzehpour N., SERTEL E., TANIK A. G.
International Symposium on Applied Geoinformatics (ISAG 2019), 7 - 09 November 2019, vol.1, pp.504-507
- IV. **Comparison of Different Soil Salinity indices Derived from Sentinel-2A Images**
Yıldırım A., Gorji T., Hamzehpour N., SERTEL E., TANIK A. G.
International Symposium on Applied Geoinformatics (ISAG 2019), 7 - 09 November 2019, vol.1, pp.230-233
- V. **IMPROVED URBAN LAND COVER/USE MAPPING USING SENTINEL-2A IMAGERY**
Ettehadı Ousgeı P., KAYA Ş., SERTEL E., ALGANCI U.
International Symposium on Applied Geoinformatics (ISAG-2019), İstanbul, Turkey, 7 - 09 November 2019, vol.1, pp.296-301
- VI. **COMPARATIVE ANALYSIS OF DIGITAL SURFACE MODEL EXTRACTION APPROACHES FOR TRI-STEREO SATELLITE IMAGES**
ALGANCI U., SERTEL E., KAYA Ş., Beşol B.
International Symposium on Applied Geoinformatics (ISAG-2019), İstanbul, Turkey, 7 - 09 November 2019, vol.1, pp.35-39
- VII. **Investigation of Open Source Geo-Information Integration Impact on Object-Based Classification Accuracy: A Case Study in Istanbul With Sentinel-2 Images**
VAROL B., TOPALOĞLU R. H. , SERTEL E.
International Symposium on Applied Geoinformatics, 7 - 09 November 2019
- VIII. **Evaluation Of Satellite AOD Observations for Monitoring Air Quality**
OSGOUEI P., KAYA Ş., SERTEL E.
International Symposium on Applied Geoinformatics, 7 - 09 November 2019
- IX. **SEPARATING OLIVE TREES FROM AGRICULTURAL AREAS AND BARE LANDS BY USING SPECTRAL INDICES WITH MULTI-TEMPORAL SENTINEL-2 IMAGES**
AKÇAY H. M. , KAYA Ş., SERTEL E., ALGANCI U.
International Symposium on Applied Geoinformatics (ISAG-2019), İstanbul, Turkey, 7 - 09 November 2019, vol.1, pp.415-420
- X. **Characterizing Spatial Variability in Lake Urmia by Applying Geo-Statistical Methods**
Gorji T., Yıldırım A., Hamzehpour N., SERTEL E., TANIK A. G.
8th International Conference on Agro-Geoinformatics, 16 - 19 July 2019
- XI. **Crop Mapping Improvement by Combination of Optical and SAR dataets**
Nasirzadehdizaji R., BALIK ŞANLI F., ÇAKIR Z., SERTEL E.
The Eighth International Conference on Agro-Geoinformatics-Agro-Geoinformatics 2019, İstanbul, Turkey, 16 - 19 July 2019
- XII. **Turkish Satellite Göktürk-1 at Work: Applications for Artificial, Natural and Semi-Natural Resources, Mapping and Inventory**
OTTAVIANO M., SERTEL E., MARCHETTI M.
9th International Conference on Recent Advances in Space Technologies (RAST), 11 - 14 June 2019
- XIII. **Determination of olive trees with multi-sensor data fusion**
Akçay H. M. , Kaya Ş., Sertel E., Algancı U.
8th International Conference on Agro-Geoinformatics, Agro-Geoinformatics 2019, İstanbul, Turkey, 16 - 19 July 2019
- XIV. **Determination of the flooded agricultural lands with spot 6 high resolution satellite images: A case study of menderes plain, turkey**
Algancı U., Sertel E., Kaya Ş.
8th International Conference on Agro-Geoinformatics, Agro-Geoinformatics 2019, İstanbul, Turkey, 16 - 19 July 2019
- XV. **Drought monitoring using MODIS derived indices and google earth engine platform**
Aksoy S., Gorucu O., Sertel E.

8th International Conference on Agro-Geoinformatics, Agro-Geoinformatics 2019, İstanbul, Turkey, 16 - 19 July 2019

- XVI. **UYDU GÖRÜNTÜSÜ İŞLEME VE SIKIŞTIRMA SÜREÇLERİNİN WEB TABANLI MEKÂNSAL HARİTA SERVİSİ YAYIN PERFORMANSINA ETKİLERİNİN ARAŞTIRILMASI**
Durkut Z., ALGANCI U., SERTEL E.
10. TÜRKİYE ULUSAL FOTOGRA METRİ VE UZAKTAN ALGILAMA BİRLİĞİ TEKNİK SEMPOZYUMU (TUFUAB 2019), Aksaray, Turkey, 25 - 27 April 2019, pp.226-231
- XVII. **INVESTIGATION OF CHANGES USING LANDSCAPE METRICS: THE CASE OF İZMİR GAZİEMİR**
TOPALOĞLU R. H. , SERTEL E.
TUFUAB 2019: X. Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği Teknik Sempozyumu, Turkey, 25 - 27 April 2019, pp.402-409
- XVIII. **Characterizing the spatial variability of soil salinity in Lake Urmia Basin by applying geo-statistical methods**
Gorji T., Yildirim A., Hamzhepour N., Sertel E., Tanik A. G.
8th International Conference on Agro-Geoinformatics (Agro-Geoinformatics), İstanbul, Turkey, 16 - 19 July 2019
- XIX. **Histogram Matching Based Mosaicking of SPOT 6/7 Satellite Images**
Kartal H., Algancı U., Sertel E.
9th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 11 - 14 June 2019, pp.451-455
- XX. **Object-based Classification of Izmir Metropolitan City by Using Sentinel-2 Images**
Öz Yılmaz E., Varol B., Topaloğlu R. H. , Sertel E.
9th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 11 - 14 June 2019, pp.407-412
- XXI. **Crop Mapping Improvement by Combination of Optical and SAR datasets**
Nasirzadehdizaji R., BALIK ŞANLI F., Çakır Z., Sertel E.
8th International Conference on Agro-Geoinformatics (Agro-Geoinformatics), İstanbul, Turkey, 16 - 19 July 2019
- XXII. **Turkish satellite Gokturk-1 at work: applications for artificial, natural and semi-natural resources, mapping and inventory**
Ottaviano M., Sertel E., Marchetti M.
9th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 11 - 14 June 2019, pp.833-838
- XXIII. **Sürdürülebilir İstanbul Kent İçi Ulaştırma Politikaları için Performans Ölçütlerinin Zamansal Analizi**
DEMİREL H., ÇELİK H. M. , SERTEL E., TEZCAN H. O. , ALGANCI U., TANIK A. G. , GERCEK H., ŞEKER D. Z. , ALDOĞAN C., AKIN Ö., et al.
Transist 2018 İstanbul Ulaşım Kongresi ve Fuarı, İstanbul, Turkey, 8 - 10 November 2018, pp.300-304
- XXIV. **Determination of Burned Areas Using Multi-Sensor Satellite Images and Spectral Indices: Bayındır Forest Fire Case**
şallı b., bahşi k., SERTEL E.
38th Annual EARSeL Symposium 3rd Joint EARSeL LULC and NASA LCLUC Workshop, 9 - 12 July 2018
- XXV. **Development of 4th Level CORINE Land Cover/Land Use Nomenclature for Turkey**
SERTEL E., ALP G., YAY I., MUSAOĞLU N., KAYA Ş.
38th Annual EARSeL Symposium 3rd Joint EARSeL LULC and NASA LCLUC Workshop, 9 - 12 July 2018
- XXVI. **Estimation of Emissions from Crop Residue Burning Using Remote Sensing Data**
bahşi k., şallı b., kılıç d., SERTEL E.
7th Global Conference on Global Warming, 24 - 28 June 2018
- XXVII. **Comparison of landscape metrics for three different level land cover/land use maps generated from SPOT6/7 images and object based classification approach**
SERTEL E., YAY I., AKSU G. A. , TOPALOĞLU R. H. , ŞALLI B.
GEOBIA2018, 18 - 22 June 2018
- XXVIII. **Impacts of Forest Cover Changes on Land Surface Temperatures: A Remote Sensing Study of İstanbul Northern Forests**

KAYA Ş., ÇELİK B., BAYRAM B., SERTEL E.

international conference on agriculture, forest, food sciences and technologies, ÇEŞME, Turkey, 2 - 05 April 2018, pp.716-723

- XXIX. **Multi-temporal analysis of land surface temperature in highly urbanized districts**
KAYA Ş., ÇELİK B., SERTEL E., BAYRAM B., ŞEKER D. Z.
2017 AGU Fall Meeting, NEW ORLEANS, United States Of America, 11 - 15 December 2017
- XXX. **Comparison of PCA and NLPCA Methods for Band Reduction of Hyperspectral Images**
Kartal H., ALGANCI U., SERTEL E.
INTERNATIONAL SYMPOSIUM ON GIS APPLICATIONS IN GEOGRAPHY AND GEOSCIENCES, Çanakkale, Turkey, 18 - 21 November 2017, pp.539-556
- XXXI. **Comparison of Different Spectral Indices to Identify Vegetation Cover Using Landsat-8 OLI and Sentinel-2A MSI Data**
ŞALLI B., KARADAL G., TOPALOĞLU R. H. , SERTEL E., MUSAOĞLU N.
INTERNATIONAL SYMPOSIUM ON GIS APPLICATIONS IN GEOGRAPHY GEOSCIENCES, 18 - 21 October 2017
- XXXII. **COMPARISON OF DIFFERENT REMOTE SENSING WATER INDICES IN FLOOD MAPPING: A CASE STUDY OF SEREM, EDERINE, TURKEY.**
SHOMAN W., TEZCAN C. S. , ERAYDIN E., RAHİMZADEGANASL A., BİZİMANA H., SERTEL E., BEKTAŞ BALÇIK F.
INTERNATIONAL SYMPOSIUM ON GIS APPLICATIONS ISGGG-2017IN GEOGRAPHY AND GEOSCIENCES, 18 - 21 October 2017
- XXXIII. **Comparing two different spatial interpolation approaches to characterize spatial variability of soil properties in Tuz Lake Basin- Turkey**
Gorji T., ALGANCI U., SERTEL E., TANIK A. G.
19th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, ROMA, Italy, 4 - 06 October 2017
- XXXIV. **Spatio-Temporal Evaluation Of Built-Up Areas In Mediterranean Coastline Using Satellite Images**
karadal g., şallı b., TOPALOĞLU R. H. , SERTEL E., MUSAOĞLU N.
meseap 2017, 4 - 06 October 2017
- XXXV. **High Resolution Urban Mapping Using object BasedClassification Approach: A Case Study in Izmir City**
TOPALOĞLU R. H. , BİLGİLİOĞLU B. B. , SERTEL E.
19th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, 4 - 06 October 2017
- XXXVI. **Interpolation Approaches for Characterizing Spatial Variability of Soil Properties in Tuz Lake Basin of Turkey**
Gorji T., SERTEL E., TANIK A. G.
World Multidisciplinary Earth Sciences Symposium (WMESS 2017), Prag, Czech Republic, 11 - 15 September 2017, pp.1-8
- XXXVII. **Comperative analysis of different geometric correction methods for very high resolution pleiades images**
Kartal H., Sertel E., Algancı U.
8th International Conference on Recent Advances in Space Technologies, RAST 2017, İstanbul, Turkey, 19 - 22 June 2017, pp.171-175
- XXXVIII. **Automatic building detection based on CIE LUV color space using very high resolution pleiades images**
Rahimzadeganasl A., Sertel E.
25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017
- XXXIX. **The use of object based classification with nDSM to increase the accuracy of building detection**
Nesne Tabanlı Siniflandırma ile Bina Tespit Doğruluğunun nSYM ile artırılması
Besol B., Algancı U., Sertel E.
25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017
- XL. **The use of Object Based Classification with nDSM to Increase the Accuracy of Building Detection**

Besol B., Algancı U., Sertel E.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

- XLII. **Yüksek Çözünürlüklü Uydu Verileri Kullanılarak 1:25.000 Ölçekli Ulusal Arazi Örtüsü/Kullanımı Sınıflandırma Sisteminin Geliştirilmesi**
Sertel E., Musaoğlu N., Kaya Ş., Yay Algan I., Alp G.
TUFUAB 2017, Afyon, Turkey, 27 - 29 April 2017, pp.1-7
- XLIII. **Object Based Analysis of Forest Fires using High Resolution Satellite Images**
SERTEL E., ALGANCI U.
37th Asian Conference on Remote Sensing, 17 - 21 October 2016
- XLIII. **Object Based Analysis of Forest Fires using Very High Resolution Satellite Images**
Sertel E., Algancı U.
37th Asian Conference on Remote Sensing, Colombo, Sri Lanka, 17 - 21 October 2016, pp.1-6
- XLIV. **Resolution Enhancement of Tri-Stereo Remote Sensing Images by Super Resolution Methods**
TUNA C., Akoguz A., Ünal G., Sertel E.
Conference on Image and Signal Processing for Remote Sensing XXII, Edinburgh, Saint Helena, 26 - 28 September 2016, vol.10004
- XLV. **Spatial Data Based Multicriteria Analysis for Vineyard Site Selection**
Kuru G. N. , Algancı U., Yay Algan I., Sertel E.
36th EARSeL Symposium: Frontiers in Earth Observation, Bonn, Germany, 20 - 24 June 2016, pp.1
- XLVI. **Determination of the Impact of Urbanization on Agricultural Lands Using Multi Temporal Satellite Sensor Images**
KAYA Ş., ALGANCI U., SERTEL E., ÜSTÜNDAĞ B. B.
AGU FALL MEETING, 14 - 19 December 2015
- XLVII. **Recent satellite technologies for soil salinity assessment with special focus on Mediterranean countries**
Gorji T., SERTEL E., TANIK A. G.
18th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Girit, Greece, 26 - 30 September 2015, pp.88
- XLVIII. **Soil Salinity Prediction Monitoring and Mapping Using Modern Technologies**
Gorji T., TANIK A. G. , SERTEL E.
World Multidisciplinary Earth Sciences Symposium, WMESS 2015, Prag, Czech Republic, 7 - 11 September 2015, vol.15, pp.507-512
- XLIX. **Modeling Spatial Changes in Suburban Areas of Istanbul Using Landsat 5 TM Data**
Kaya Ş., Sertel E., Şeker D. Z.
XXV FIG Congress, Kuala Lumpur, Malaysia, 16 - 21 June 2014, pp.1-6
- L. **Determination of the Environmental Impacts of Hydroelectric Power Plants HPP in Black Sea Region of Turkey Using Remotely Sensed Data**
ŞEKER D. Z. , DENLİ H. H. , ALGANCI U., KAYA Ş., SERTEL E.
AGU Fall Meeting 2013, 9 - 13 December 2013
- LI. **Determination of characteristic properties of rural residential areas using remotely sensed data**
SIMSEK D., Kaya Ş., İpbüker C., Sertel E.
34th Asian Conference on Remote Sensing 2013, ACRS 2013, Bali, Indonesia, 20 - 24 October 2013, vol.1, pp.642-649
- LII. **A research on Agricultural Mapping Capabilities of the SPOT 6 Satellite Images**
Algancı U., Sertel E., Kaya Ş., BerkUstundag B.
2nd International Conference on Agro-Geoinformatics (Agro-Geoinformatics), Virginia, United States Of America, 12 - 16 August 2013, pp.93-96
- LIII. **Research on Agricultural Mapping Capabilities of the SPOT 6 Satellite Images**
Algancı U., Sertel E., Kaya Ş., Üstündağ B. B.
The Second International Conference on Agro-Geoinformatics, Fairfax, United States Of America, 12 - 16 August 2013, pp.93-96

- LIV. **Unsupervised identification of vineyard parcels using SPOT5 images by utilizing spectral and textural features**
Şentürk S., Taşdemir K., Kaya Ş., Sertel E.
The Second International Conference on Agro-Geoinformatics, Fairfax, United States Of America, 12 - 16 August 2013, pp.61-65
- LV. **Unsupervised Classification of Vineyard Parcels Using SPOT5 Images by Utilizing Spectral and Textural Features**
Senturk S., TAŞDEMİR K., Kaya S., Sertel E.
2nd International Conference on Agro-Geoinformatics (Agro-Geoinformatics), Virginia, United States Of America, 12 - 16 August 2013, pp.61-65
- LVI. **Spatio-temporal analysis of urbanization related land use/cover dynamics using satellite imagery: Case study antalya, Turkey**
Algancı U., Şeker D. Z. , Sertel E., Kaya Ş.
33rd Asian Conference on Remote Sensing 2012, ACRS 2012, Pattaya, Thailand, 26 - 30 November 2012, vol.2, pp.1111-1116
- LVII. **Spatio-Temporal Analysis of Urbanization Related Land Use/Cover Dynamics Using Sattelite Imagery: Case Study,Antalya-Turkey**
Algancı U., Şeker D. Z. , Sertel E., Kaya Ş.
ACRS 2012, Pattaya, Indonesia, 26 - 30 November 2012, pp.1-6
- LVIII. **DEM accuracy of high resolution satellite images**
Yanalak M., Musaoğlu N., İpbüker C., Sertel E., Kaya Ş.
12th International Conference on Computational Science and Its Applications, ICCSA 2012, Salvador de Bahia, Brazil, 18 - 21 June 2012, pp.471-480
- LIX. **Arazi Yönetiminde Veri Boyutu**
ERKAYA H., YANALAK M., ALKAN R. M. , TARI E., İNAL C., GÜLAL V. E. , SERTEL E., HOŞBAŞ R. G.
Arazi Yönetimi Çalıştayı-Türkiye'de Sürdürülebilir Arazi Yönetimi, İstanbul, Turkey, 26 - 27 May 2011
- LX. **Accuracy assessment of radargrammetric DEM derived from Radarsat-2 ultrafine mode**
Musaoğlu N., Sertel E., Demir A.
ISPRS Istanbul Workshop 2010, İstanbul, Turkey, 11 - 13 October 2010, pp.1-5
- LXI. **ACCURACY ASSESSMENT OF RADARGRAMMETRIC DEMSDERIVED FROM RADARSAT-2 ULTRAFINE MODE**
DEMİR M. A. , SERTEL E., MUSAOĞLU N., ÖRMECİ C.
ISPRS WORKSHOP 2010, 11 - 13 October 2010
- LXII. **Forest Fire Damage Estimation Using Remote Sensing and GIS**
Algancı U., Sertel E., ÖRMECİ C.
30th EARSeL Symposium - Remote Sensing for Science, Education, and Natural and Cultural Heritage, Paris, France, 31 May - 03 June 2010, pp.423-430
- LXIII. **Accuracy assessment of aster global dem over turkey**
Sertel E.
Special Joint Symposium of ISPRS Commission IV and AutoCarto 2010, in Conjunction with ASPRS/CaGIS 2010 Special Conference, Florida, United States Of America, 15 - 19 November 2010, vol.38
- LXIV. **Açık Maden Ocaklarının Kıyı Erozyonuna Etkisinin Zamansal Analizi**
Şeker D. Z. , Kaya Ş., Sertel E.
III. Ulusal Su Mühendisliği Sempozyumu, İzmir, Turkey, 10 - 14 September 2007, pp.465-471
- LXV. **Predictive Mapping of Air Pollutants A Spatial Approach**
SERTEL E., DEMİREL H., KAYA Ş.
5th International symposium on Spatial Data Quality SDQ 2007, Modelling qualities in space and time, Enschede, Netherlands, 13 - 15 June 2007, vol.2, pp.1-5
- LXVI. **Uzaktan Algılanmış Verilerin Semivariogram Modeli**
Kaya Ş., Sertel E.
1. Uzaktan Algılama ve CBS Çalıştay ve Paneli, İstanbul, Turkey, 27 - 29 November 2006, pp.1-6

- LXVII. **Exploring the interaction between air quality and road transportation: A spatial Approach**
Demirel H., Sertel E., Kaya Ş., Şeker D. Z.
IWA Dipcon 2006, İstanbul, Turkey, 18 - 22 September 2006, pp.1-6
- LXVIII. **Uydu Görüntülerinde Geometrik Düzeltme İşlemleri İçin Kullanılan Modellerin Sorgulanması**
İnce C., Konak H., Kaya Ş., Sertel E.
Bilimde Modern Yöntemler Sempozyumu, Kocaeli, Turkey, 16 - 18 November 2005, pp.651-659
- LXIX. **Analyses of Earthquake Induced Damage in Urban Areas by Means of Remotely Sensed Data**
Kaya Ş., Sertel E., Musaoğlu N.
25th EARSeL Symposium. Global Developments in Environmental Earth Observation from Space, Porto, Portugal, 6 - 11 June 2005, pp.1-6
- LXX. **İstanbul Anadolu Yakası 2B Alanlarının Uydu Görüntüleri ile Analizi**
Musaoğlu N., Göksel Ç., Kaya Ş., Sertel E., Bektaş Balçık F.
10. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 28 March - 01 April 2005, pp.89-100
- LXXI. **Deprem Neden Olduğu Ağır Hasarın Şehir Alanına Etkisinin Uzaktan Algılama Verileri ile Belirlenmesi**
Kaya Ş., Sertel E., Musaoğlu N.
10. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 28 March - 01 April 2005, pp.127-136
- LXXII. **Analyses of Izmit Earthquake by Means of Remotely Sensed Data: A Case Study, Yalova City**
Kaya Ş., Bektaş Balçık F., Göksel Ç., Sertel E.
Proceeding of the 5th European Conference on Product and Process Modelling in the Building and Construction Industry, ECPPM 2004, eWork and eBusiness in Architecture, Engineering and Construction, İstanbul, Turkey, 8 - 10 September 2004, pp.603-608
- LXXIII. **Use of Corona, Landsat TM Images to Asses 40 years of Landuse/cover changes in Cavusbasi**
Musaoğlu N., Bektaş Balçık F., Sertel E., Kaya Ş., Göksel Ç.
24th EARSeL Symposium New Strategies for European Remote Sensing, Dubrovnik, India, 25 - 27 May 2004, pp.161-165

Supported Projects

Sertel E., BAKIRMAN T., Project Supported by Higher Education Institutions, Derin Öğrenme Yöntemleri ile Otomatik Bina Çıkarımı, 2020 - 2021

Sertel E., Algancı U., Kaya Ş., Kartal M., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, İTÜ UYDU YER TERMİNALİ YENİLEME PROJESİ, 2016 - 2021

Sertel E., TÜBA Project, Farklı çözünürlükteki uydu verilerini kullanarak şehir haritaları oluşturulması ve şehirlerdeki zamansal değişimlerin otomatik olarak belirlenmesi, 2017 - 2020

Sertel E., Yay Algan I., Musaoğlu N., EKERCİN S., AKSU A. G. , Şallı B., Topaloğlu R. H. , Project Supported by Higher Education Institutions, Uydu görüntülerinin mekansal çözünürlüğünün peyzaj metrikleri ile olan ilişkisinin araştırılması, 2017 - 2020

Sertel E., Demirel H., TUBITAK Project, Coğrafi Bilgi Sistemleri (CBS). Tabanlı Karayolu Ulaşımı Erişilebilirlik Analizi, 2016 - 2018

Sertel E., Project Supported by Higher Education Institutions, ACCURACY ASSESSMENT OF ASTER GLOBAL DEM OVER TURKEY, 2010 - 2018

Sertel E., Project Supported by Higher Education Institutions, Farklı Uzaktan Algılama Uydularından Elde Edilen Görüntüler İle İstanbul İli Arazi Örtüsü / Kullanım Haritasının Oluşturulması, 2014 - 2015

Sertel E., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Ulusal Arazi Örtüsü Veritabanı 2012, 2013 - 2015

Sertel E., Project Supported by Higher Education Institutions, Urmiye Gölündeki Zamansal Değişimlerin Uzaktan Algılama Ve CBS Kullanılarak Belirlenmesi, 2013 - 2015

Sertel E., TUBITAK Project, Konya Kapalı Havzası'ndaki Hidrolojik, İklimsel ve Arazi Kullanımı/Örtüsü Değişimlerinin Tuz Gölü'ne Etkilerinin Araştırılması ve Koruyucu Yönetim Stratejilerinin Belirlenmesi, 2011 - 2014

Şeker D. Z. , Sertel E., TUBITAK Project, Uzaktan Algılama teknolojileri kullanarak üzüm çeşitliliğinin belirlenmesi ve bağ

alanlarının mekansal dağılımının tespiti, 2010 - 2012

Sertel E., TUBITAK Project, Rize il Genelinde Afet Bilgi ve Meteorolojik Erken Uyarı Sistemi Kurulması Projesi,, 2006 - 2008

Sertel E., Musaoğlu N., TUBITAK Project, Orbview-3 Uydu Görüntülerinin Doğruluğunun ve Mühendislik Uygulamalarında Kullanım Olanaklarının Araştırılması, 2006 - 2008

Sertel E., Kaya Ş., TUBITAK Project, Filyos Çayı Havzasının genel karakteristiklerinin uydu görüntü verileri ve sayısal arazi modeli ile Analizi, 2005 - 2007

Sertel E., Project Supported by Other Official Institutions, Uydu Görüntülerinin Geometrik Dönüşümünde Doğruluk Araştırması, 2004 - 2005

Activities in Scientific Journals

Remote Sensing, Special Issue Editor, 2021 - Continues

Memberships / Tasks in Scientific Organizations

HKMO, Member, 2002 - Continues

Scientific Refereeing

NEW CLUSTERING APPROACH USING ONE SAMPLE T-TEST TECHNIQUE IN CASE OF INSUFFICIENT REMOTE SENSING DATA, Other Indexed Journal, February 2017

February 2017

TUBITAK Project, February 2017

September 2016

International Journal Of Climatology, SCI Journal, April 2016

February 2016

Environmental Engineering Science, SCI Journal, December 2015

September 2015

July 2015

February 2015

February 2014

Climatic Changes, SCI Journal, April 2013

February 2013

July 2012

February 2012

IEEE Geoscience and Remote Sensing Letters, SCI Journal, October 2011

IEEE Transactions on Geoscience and Remote Sensing, SCI Journal, April 2011

January 2011

January 2010

Scientific Consultations

Aritektokent, Scientific Consultancy, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, Turkey, 2017 - Continues

TUBİTAK, Other, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, Turkey, 2017 - Continues

İTUNOVA, Scientific Consultancy, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, Turkey, 2016 - 2016

İTUNOVA, Scientific Consultancy, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, Turkey, 2015 - 2015

Citations

Total Citations (WOS):805

h-index (WOS):15

Scholarships

Fulbright Phd Scholarship, Fulbright Program, 2006 - 2008

PhD Scholarship-THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TURKEY, TUBITAK, 2004 - 2008

Awards

Sertel E., Outstanding Young Scientist Award-Turkish Academy of Sciences, Türkiye Bilimler Akademisi, December 2017

Sertel E., Ranked as the 1st Student among the 2002 Graduates of Geomatics Engineering Department, Istanbul Technical University, June 2002