

## Assoc. Prof. Uğur Algancı

### Personal Information

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### Education Information

Doctorate, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Geomatik Mühendisliği Bölümü, Turkey 2008 - 2014

Postgraduate, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Geomatik Mühendisliği Bölümü, Turkey 2006 - 2008

Undergraduate, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Jeodezi Ve Fotogrametri Mühendisliği Bölümü, Turkey 2001 - 2006

### Foreign Languages

English

### Dissertations

Doctorate, Uydu görüntüleri, meteorolojik veriler ve kamera fotoğrafları ile pamuk ve mısır bitkileri için rekolte tahmin modeli tasarımı: Şanlıurfa örneği, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Geomatik Mühendisliği Bölümü, 2014

Postgraduate, Akarsu havzalarında hidroelektrik potansiyel parametrelerinin uzaktan algılama ve CBS ile belirlenmesi, İstanbul Technical University, Fen Bilimleri Enstitüsü, 2008

### Research Areas

Geotechnical Engineering, Geographic Information Systems, Land Information Systems, Spatial Data Infrastructures, Remote sensing, Image Processing, Engineering and Technology

### Academic Titles / Tasks

Associate Professor, İstanbul Technical University, İnşaat, Geomatik Mühendisliği, 2019 - Continues

Assistant Professor, İstanbul Technical University, İnşaat, Geomatik Mühendisliği, 2018 - Continues

Assistant Professor, İstanbul Technical University, İnşaat, Geomatik Mühendisliği, 2015 - 2018

Research Assistant, İstanbul Technical University, Bilişim Enstitüsü, Bilişim Uygulamaları, 2009 - 2015

### Courses

Principles of Remote Sensing, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Numerical Methods for Geomatics Eng, Undergraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Geostatistics, Postgraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Int to Programming in C, Undergraduate, 2017 - 2018  
Geodata Standards, Doctorate, 2016 - 2017  
Analitik Geometri ve Vektör Hesabı, Undergraduate, 2016 - 2017  
Introduction to Scientific and Engineering Computing (C), Undergraduate, 2016 - 2017  
Surveying, Undergraduate, 2016 - 2017  
Numerical Methods, Undergraduate, 2016 - 2017

## Advising Theses

Algancı U., FARKLI SAYISAL YÜZEY MODELLERİNİN DOĞRULUK DEĞERLENDİRMESİ, Postgraduate, B.BEŞOL(Student), 2021  
Algancı U., Analitik hiyerarşi prosesi ve mekansal enterpolasyon yöntemlerinin yolculuk talebi belirleme yaklaşımı olarak kullanılabilirliğinin incelenmesi, Postgraduate, B.YILMAZ(Student), 2020  
Algancı U., Navigason haritalarında yol ağı verisinin güncellenmesi için uydu verilerinin kullanılabilirliğinin araştırılması, Postgraduate, S.YAZICI(Student), 2019  
Algancı U., OTOMATİZE EDİLMİŞ WEB TABANLI VERİ ANALİZİ SİSTEM BİLEŞENLERİ TASARIMI, Postgraduate, M.AKİF(Student), 2019  
Algancı U., İstanbul 2023 yılı arazi örtüsü/kullanım tahmininin yapay sinir ağları ve mantıksal regresyon metotları ile modellenmesi, Postgraduate, C.FAZİLET(Student), 2019  
Algancı U., Algılama açısı, topografya ve arazi örtüsünün çok yüksek çözünürlüklü uydu görüntülerinin SIFT tabanlı otonom ortorektifikasyon sürecine etkisi, Postgraduate, H.KARTAL(Student), 2017

## Jury Memberships

Doctorate, Doctorate, Aksaray Üniversitesi, February, 2021  
Doctorate, Tez Savunma Jurisi, T.C. Selçuk Üniversitesi, February, 2017  
Doctoral Examination, Doktora Yeterlilik, Aksaray Üniversitesi, December, 2016

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

- I. **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)
- II. **An Approach for the Pan Sharpening of Very High Resolution Satellite Images Using a CIELab Color Based Component Substitution Algorithm**  
Rahimzadeganasl A., Algancı U., Göksel Ç.  
APPLIED SCIENCES-BASEL, vol.9, no.23, 2019 (Journal Indexed in SCI)
- III. **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)
- IV. **A comparative analysis of gridding systems for point-based land cover/use analysis**  
Shoman W., Algancı U., Demirel H.  
GEOCARTO INTERNATIONAL, vol.34, pp.867-886, 2019 (Journal Indexed in SCI)
- V. **Dynamic Land Cover Mapping of Urbanized Cities with Landsat 8 Multi-temporal Images: Comparative Evaluation of Classification Algorithms and Dimension Reduction Methods**  
Algancı U.  
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, vol.8, 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. **THE USE OF BROADBAND VEGETATION INDICES IN CULTIVATED LAND DETECTION WITH LANDSAT 8 OLI MULTI-TEMPORAL IMAGES**  
Algancı U.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, pp.739-744, 2019 (Journal Indexed in SCI)
- VIII. **ASSESSMENT OF THE RELATIONSHIP BETWEEN LAND USE/COVER CHANGES AND LAND SURFACE TEMPERATURES: A CASE STUDY OF THERMAL REMOTE SENSING**  
Çelik B., Kaya Ş., Algancı U., Şeker D. Z.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, pp.541-547, 2019 (Journal Indexed in SCI)
- IX. **ANALYZING GRIDDING SYSTEMS FOR LAND COVER/LAND USE INFORMATION: A STUDY CONDUCTED FOR GREEN AREAS**  
Shoman W., Algancı U., Demirel H.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, pp.694-699, 2019 (Journal Indexed in SCI)
- X. **COMPARING TWO DIFFERENT SPATIAL INTERPOLATION APPROACHES TO CHARACTERIZE SPATIAL VARIABILITY OF SOIL PROPERTIES IN TUZ LAKE BASIN - TURKEY**  
Gorji T., Algancı U., Sertel E., Tanik A. G.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.2, pp.986-992, 2019 (Journal Indexed in SCI)
- XI. **DYNAMIC MONITORING OF LAND COVER CHANGE: A RECENT STUDY FOR ISTANBUL METROPOLITAN AREA**  
Shoman W., Korkutan M., Algancı U., Tanik A. G. , Demirel H.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, pp.688-693, 2019 (Journal Indexed in SCI)
- XII. **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)
- XIII. **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)
- XIV. **THE ROLE OF SPATIAL ANALYSIS FOR AQUACULTURE: A CASE STUDY OF KEBAN DAM LAKE**  
SIVRI N., Şeker D. Z. , Algancı U., Basusta N., Basusta A., AKGUN H.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.1, pp.405-412, 2017 (Journal Indexed in SCI)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **DETERMINATION OF LAND-USE DYNAMICS IN A LAGOON WATERSHED BY REMOTELY SENSED DATA**  
ERTURK A., Algancı U., Tanik A. G. , Şeker D. Z.

- FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.3052-3058, 2012 (Journal Indexed in SCI)
- XX. **Remote Sensing and GIS Innovation with Hydrologic Modelling for Hydroelectric Power Plant (HPP) in Poorly Gauged Basins**  
Coşkun H. G. , ALGANCI U., ERIS E., AGIRALIOGLU N., Cıgızoğlu H. K. , YILMAZ L., Toprak Z. F.  
WATER RESOURCES MANAGEMENT, vol.24, no.14, pp.3757-3772, 2010 (Journal Indexed in SCI)
- XXI. **An Investigation on Water Quality of Darlık Dam Drinking Water using Satellite Images**  
Alparslan E., Coşkun H. G. , ALGANCI U.  
THE SCIENTIFIC WORLD JOURNAL, vol.10, pp.1293-1306, 2010 (Journal Indexed in SCI)
- XXII. **Modeling Monthly Mean Flow in a Poorly Gauged Basin by Fuzzy Logic**  
Toprak Z. F. , ERIS E., AGIRALIOGLU N., CIGIZOGLU H. K. , YILMAZ L., Aksoy H., COSKUN H. G. , ANDIC G., ALGANCI U.  
CLEAN-SOIL AIR WATER, vol.37, no.7, pp.555-564, 2009 (Journal Indexed in SCI)
- XXIII. **Water Quality Determination of Kucukcekmece Lake, Turkey by Using Multispectral Satellite Data**  
Alparslan E., Coşkun H. G. , ALGANCI U.  
THE SCIENTIFIC WORLD JOURNAL, vol.9, pp.1215-1229, 2009 (Journal Indexed in SCI)
- XXIV. **Analysis of Land Use Change and Urbanization in the Kucukcekmece Water Basin (Istanbul, Turkey) with Temporal Satellite Data using Remote Sensing and GIS**  
Coşkun H. G. , ALGANCI U., USTA G.  
SENSORS, vol.8, no.11, pp.7213-7223, 2008 (Journal Indexed in SCI)
- XXV. **Determination of environmental quality of a drinking water reservoir by remote sensing, GIS and regression analysis**  
Coşkun H. G. , TANIK A. G. , ALGANCI U., Cıgızoğlu H. K.  
WATER AIR AND SOIL POLLUTION, vol.194, pp.275-285, 2008 (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. **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)
- IV. **Arazi Örtüsü Değişimlerinin Çok Zamanlı Landsat 8 Uydu Görüntüleri ile Belirlenmesi: İstanbul Örneği**  
ALGANCI U.  
Harita Dergisi, pp.24-33, 2018 (Other Refereed National Journals)
- V. **GEOGRAPHIC INFORMATION SYSTEM (GIS) BASED ACCESSIBILITY ANALYSIS FOR HIGHWAY TRANSPORTATION**  
DEMİREL H., KORKUTAN M., SHOMAN W., ALGANCI U.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.8, pp.339-344, 2017 (Journal Indexed in ESCI)
- VI. **PRACTICAL METHODS FOR THE ESTIMATION OF HYDROELECTRIC POWER POTENTIAL OF POORLY GAUGED BASINS**  
Agiralioglu N., Eris E., ANDIC G., Cıgızoğlu H. K. , Coşkun H. G. , Yilmaz L., Algancı U., Toprak Z. F.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ,

vol.35, no.2, pp.347-358, 2017 (Journal Indexed in ESCI)

- VII. **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)
- VIII. **Akım Ölçümleri Olmayan Akarsu Havzalarında Hidroelektrik Potansiyelin Belirlenmesine Yönelik Uzaktan Algılama ve CBS ile Hidrolojik Modelleme**  
Algancı U., COSKUN H. G. , ERIS E., AGIRALIOĞLU N., CIGIZOĞLU H. K. , YILMAZ L., TOPRAK Z. F.  
Jeodezi, Jeoinformasyon ve Arazi Yönetimi, pp.5-11, 2009 (Other Refereed National Journals)

## Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **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
- III. **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
- IV. **IMPROVED URBAN LAND COVER/USE MAPPING USING SENTINEL-2A IMAGERY**  
Ettehadı Ousgei 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
- V. **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
- VI. **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
- VII. **UYDU GÖRÜNTÜSÜ İŞLEME VE SIKIŞTIRMA SÜREÇLERİNİN WEB TABANLI MEKÂNSAL HARİTA SERVİSİ YAYIN PERFORMANSINA ETKİLERİNİN ARAŞTIRILMASI**  
Durkut Z., ALGANCI U., SERTEL E.  
10. TÜRKİYE ULUSAL FOTOGRAMETRİ VE UZAKTAN ALGILAMA BİRLİĞİ TEKNİK SEMPOZYUMU (TUFUAB 2019), Aksaray, Turkey, 25 - 27 April 2019, pp.226-231
- VIII. **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
- IX. **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

- X. **ANALYSIS OF NATURAL LAND COVER CHANGE USING TIME SERIES: A CASE STUDY OF ISTANBUL**  
SARITÜRK B., ATİK M. E. , ALGANCI U., ÖZTÜRK O., DURAN Z., ŞEKER D. Z.  
4th International Water and Environment Fair and Congress, Bursa, Turkey, 22 - 24 April 2018
- XI. **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
- XII. **EVALUATION OF MULTI-TEMPORAL/SENSOR DATA FUSION FOR URBAN CHANGE ANALYSIS**  
KAYA Ş., ALGANCI U., ÇELİK B., ŞEKER D. Z.  
38. ACRS CONGRESS, 23 - 27 October 2017
- XIII. **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
- XIV. **Assessment of the Relationship between Land Cover and Land Surface Temperatures Utilizing Remotely Sensed Data: A Case Study of Silivri**  
KAYA Ş., ÇELİK B., GAZİOĞLU C., ALGANCI U., ŞEKER D. Z.  
19th MESAEP Symposium on Environmental and Health Inequity, Roma, Italy, 3 - 06 October 2017, pp.1-2
- XV. **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
- XVI. **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
- XVII. **The use of object based classification with nDSM to increase the accuracy of building detection Nesne Tabanlı Sınıflandırma 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
- XVIII. **Determining Linear and Areal Morphological Characteristics of Melen Watershed in Turkey**  
Algancı U., Kütükçü A., Kaya Ş., Şeker D. Z. , Tanık A. G.  
IWA2nd Regional Symposium on Water,Wastewater and Environment, İzmir, Turkey, 22 - 24 March 2017, pp.34-44
- XIX. **Hydrologic and Topographic Parameter Determination of The Watersheds: A Case Study From Turkey**  
Şeker D. Z. , Algancı U., Kaya Ş., Çelik B., Tanık A. G.  
ACRS 2016, Kolamba, Sri Lanka, 17 - 21 October 2016, pp.1-8
- XX. **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
- XXI. **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
- XXII. **The Use of Remotely Sensed Data and GIS for Destructed and Infracted Forest Area Detection in Istanbul**  
Şeker D. Z. , Algancı U., Kaya Ş., Ünal A.

- ACRS 2016, Colombo, Sri Lanka, 17 - 21 October 2016, pp.1-6
- XXIII. **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
- XXIV. **Determination of Destructed and Infracted Forest Areas with Multi temporal High Resolution Satellite Images**  
ŞEKER D. Z. , ÜNAL A., KAYA Ş., ALGANCI U.  
AGU Fall Meeting 2015, San-Francisco, Costa Rica, 14 - 18 December 2015
- XXV. **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
- XXVI. **Evaluation of Vegetation Density Changes in Suburban Area: A Case Study of Istanbul Metropolitan Area**  
Kaya Ş., Osgouei P., Algancı U., Şeker D. Z. , Gazioğlu C.  
ACRS 2015, Manila, Philippines, 24 - 28 October 2015, pp.1-6
- XXVII. **The use of Remote Sensing and GIS in spatial analysis of aquaculture in Fırat Basin Eastern Anatolia TURKEY**  
SİVRİ N., ALGANCI U., BAŞUSTA N., BAŞUSTA A., ŞEKER D. Z.  
18th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region  
MESAEP 2015, Greece, 26 - 30 September 2015, pp.32
- XXVIII. **Determination of Cultivated Areas with Landsat 8 Multi temporal Images Evaluation of spectral vegetation indices**  
ALGANCI U.  
18th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region  
MESAEP 2015, 26 - 30 September 2015
- XXIX. **Object Based Classification of Perennial Crops with Pleiades Satellite Image**  
ALGANCI U., SERTEL E., KAYA Ş., ÜSTÜNDAĞ B. B.  
Fourth International Conference on Agro-Geoinformatics, 20 - 24 July 2015
- XXX. **Rapid determination of land USE/COVER changes using data fusion**  
Kaya Ş., Gazioğlu C., Sertel E., Şeker D. Z. , Algancı U.  
36th Asian Conference on Remote Sensing: Fostering Resilient Growth in Asia, ACRS 2015, Quezon City, Metro Manila, Philippines, 24 - 28 October 2015
- XXXI. **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
- XXXII. **A research on Agricultural Mapping Capabilities of the SPOT 6 Satellite Images**  
Algancı U., Sertel E., Kaya Ş., BerkÜstundag B.  
2nd International Conference on Agro-Geoinformatics (Agro-Geoinformatics), Virginia, United States Of America, 12 - 16 August 2013, pp.93-96
- XXXIII. **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
- XXXIV. **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
- XXXV. **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

### **XXXVI. Water Quality Monitoring in Potable Water Reservoirs of Cities by Remote Sensing and GIS Techniques**

ALPARSLAN E., Coşkun H. G. , Algancı U.

International Symposium on Environmental Protection and Planning: Geographic Information Systems (GIS) and Remote Sensing (RS) Applications (ISEPP), İzmir, Turkey, 28 - 29 June 2011, pp.34-38

### **XXXVII. Investigation Land Use Changes in Megacity Istanbul Between the Years 1903-2010 by Using Different Types of Spatial Data**

Celikoyan M., Sertel E., Şeker D. Z. , Kaya Ş., Algancı U.

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## **Activities in Scientific Journals**

International Journal of Environment and Geoinformatics , Committee Member, 2020 - Continues

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## **Scientific Refereeing**



ISPRS JOURNAL OF PHOTOGRAMMETRY AND REMOTE SENSING, SCI Journal, December 2019  
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## **Mobility Activity**

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Total Citations (WOS):351

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