

Prof. MUSTAFA TÜRKER

Personal Information

Office Phone: [+90 312 297 6990](tel:+903122976990)

Fax Phone: [+90 312 297 6167](tel:+903122976167)

Email: mturker@hacettepe.edu.tr

Web: <https://scholar.google.com/citations?user=cat4BEIAAAA&hl=en&citsig=AMstHGSfGCKAKOgH85oxUOz7ilsU-kgb2w&cstart=0&pagesize>

Address: Hacettepe Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, Beytepe 06800 Ankara

Education Information

Doctorate, University Of New Brunswick, Faculty Of Engineering, Department Of Geodesy And Geomatics, Canada 1991 - 1997

Postgraduate, University Of Glasgow, Faculty Of Science, Department Of Geography And Topographic Science, Scotland 1989 - 1991

Undergraduate, Selçuk Üniversitesi, Mühendislik Fakültesi, Jeodezi Ve Fotogrametri Mühendisliği, Turkey 1980 - 1984

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Polygon Based Image Analysis Within An Integrated GIS/RS Environment, University Of New Brunswick, Faculty Of Engineering, Department Of Geodesy And Geomatics Engineering, 1997

Postgraduate, The Revision of Topographic Maps Using Low Cost Analytical Plotters, University Of Glasgow, Faculty Of Science, Department Of Geography And Topographic Science, 1991

Research Areas

Geotechnical Engineering, Geographic Information Systems, Photogrammetry, Overhead Photogrammetry, Remote sensing, Image Processing, Laser scanning, Lidar, Computer Sciences, Database and Data Structures, Database Systems, Internet-GIS, 3D-Modeling, Engineering and Technology

Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 2012 - Continues

Associate Professor, Hacettepe Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 2005 - 2012

Assistant Professor, Orta Doğu Teknik Üniversitesi, Risk Analizi A.B.D., Jeodezi Ve Coğrafi Bilgi Teknolojileri (YI) (Tezli), 1997 - 2005

Academic and Administrative Experience

Hacettepe Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 2005 - Continues

Hacettepe Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 2012 - 2018

Hacettepe Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 2005 - 2010

Courses

UZAKTAN ALGILAMA VE GÖRÜNTÜ İŞLEME, Postgraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019

Uzaktan Algılama, Undergraduate, 2017 - 2018, 2018 - 2019

SEMİNER, Postgraduate, 2016 - 2017

İLERİ COĞRAFİ BİLGİ SİSTEMLERİ, Postgraduate, 2016 - 2017

ÖZEL KONULAR, Postgraduate, 2016 - 2017

UZAKTAN ALGILAMA, Undergraduate, 2016 - 2017

UZAKTAN ALGILAMADA İLERİ GÖRÜNTÜ İŞLEME, Postgraduate, 2016 - 2017

UYDU GÖRÜNTÜSÜ İŞLEME, Undergraduate, 2016 - 2017

Advising Theses

TÜRKER M., Sentinel-1 ve Sentinel-2 Verilerinden Tarımsal Ürün Sınıflandırması İçin Makine Öğrenme Algoritmalarının Karşılaştırılması, Postgraduate, T.DİZDAROĞLU(Student), 2019

TÜRKER M., LiDAR Nokta Bulutu Verisi ve Yüksek Çözünürlüklü Ortofotolar Kullanarak Bina Çıkarımı İçin Bir Yaklaşım, Postgraduate, G.KARAKAŞ(Student), 2018

TÜRKER M., Tarımsal Yaz Ürünlerin Sentinel-2 Uydu Görüntülerinden Rastgele Orman Algoritması İle Nesne Tabanlı Sınıflandırılması, Postgraduate, M.YILMAZ(Student), 2018

TÜRKER M., Automatic Roof Plane Extraction From LiDAR Data Using RANSAC Algorithm, Postgraduate, K.KARBALAI(Student), 2018

TÜRKER M., LiDAR Verisinden Bina Çatı Düzlemlerinin Otomatik Çıkarımı ve Modellemesi, Postgraduate, M.GÜLER(Student), 2018

TÜRKER M., İnsansız Hava Aracı Görüntülerinden Kentsel Alanlarda Araç Tespiti, Postgraduate, M.ALTUN(Student), 2018

TÜRKER M., Kentsel alanlarda İHA görüntülerinden ortofoto oluşturma ve otomatik ağaç tespiti, Postgraduate, M.FATİH(Student), 2016

TÜRKER M., Coğrafi bilgi sistemleri ve yüksek çözünürlüklü uydu görüntüleri kullanılarak kentsel alanlarda bina değişimi tespiti, Postgraduate, R.SHABANIZONOUZAAGH(Student), 2016

TÜRKER M., Change detection of buildings from high resolution satellite imagery and existing map data using object based classification, Postgraduate, F.SAFARLOU(Student), 2015

TÜRKER M., An approach for the automatic segmentation of high resolution satellite images into agricultural fields, Postgraduate, A.RAHIMZADEGANASL(Student), 2015

TÜRKER M., An approach for automatic building extraction from high resolution satellite images using shadow analysis and active contours model, Postgraduate, S.GHAFFARIAN(Student), 2015

TÜRKER M., An approach for the automatic detection of agricultural field sub-boundaries from high resolution satellite images, Postgraduate, S.GHAFFARIAN(Student), 2014

TÜRKER M., Automatic reconstruction of photorealistic 3-D building models from satellite and ground-level images, Doctorate, E.SÜMER(Student), 2011

TÜRKER M., Approaches for automatic urban building extraction and updating from high resolution satellite imagery, Doctorate, D.KOÇ(Student), 2009

TÜRKER M., Comparison of different spatial resolution images for polygon-based crop mapping, Postgraduate, A.ÖZDARICI(Student), 2005

TÜRKER M., Developing an integrated system for semi-automated segmentation of remotely sensed imagery, Postgraduate, E.HAMİT(Student), 2005

TÜRKER M., Accuracy assessment of the DEM and orthoimage generated from ASTER, Postgraduate, A.ÖZGÜN(Student),

2005

TÜRKER M., Detection of earthquake damaged buildings from post-event photographs using perceptual grouping, Postgraduate, M.ALİ(Student), 2004

TÜRKER M., Earthquake damage detection using watershed segmentation and intensity-gradient orientation approaches, Postgraduate, E.SÜMER(Student), 2004

TÜRKER M., Decision tree classification of multi-temporal images for field-based crop mapping, Postgraduate, S.ŞENCAN(Student), 2004

TÜRKER M., Model based building extraction from high resolution aerial images, Postgraduate, B.BİLEN(Student), 2004

TÜRKER M., A multi-temporal masking classification method for field based agricultural crop mapping, Postgraduate, M.ARIKAN(Student), 2003

TÜRKER M., Automatic detection of earthquake damaged buildings from stereo aerial photographs, Postgraduate, B.ÇETİNKAYA(Student), 2002

TÜRKER M., Geometric correction accuracy of IRS-1C/ D pan imagery using map versus GPS control points, Postgraduate, A.ÖNDER(Student), 2002

TÜRKER M., Application of data radio systems within real-time differential GPS for local and regional surveying, Postgraduate, B.GÜÇLÜER(Student), 2002

TÜRKER M., Detecting earthquake induced changes from space and aerial images, Postgraduate, B.TANER(Student), 2002

TÜRKER M., Detecting land use changes at urban fringe using GIS and remote sensing technologies, Postgraduate, Ö.AŞIK(Student), 2001

TÜRKER M., Developing a cadastral information system with a spatiotemporal modeling approach, Postgraduate, S.KOCAMAN(Student), 2001

TÜRKER M., Investigating the effect of digital elevation model accuracy on the planimetric accuracy of orthorectified spot imagery, Postgraduate, M.ERDOĞAN(Student), 2000

TÜRKER M., Per field image classification for agricultural lands in the integration of remote sensing and GIS, Postgraduate, H.ÖZEN(Student), 2000

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

- I. **Agricultural Field Detection from Satellite Imagery Using the Combined Otsu's Thresholding Algorithm and Marker-Controlled Watershed-Based Transform**
TÜRKER M., Rahimzadeganasl A.
JOURNAL OF THE INDIAN SOCIETY OF REMOTE SENSING, 2021 (Journal Indexed in SCI)
- II. **An improved cluster-based snake model for automatic agricultural field boundary extraction from high spatial resolution imagery**
Ghaffarian S., TÜRKER M.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.40, no.4, pp.1217-1247, 2019 (Journal Indexed in SCI)
- III. **Automatic near-photorealistic 3-D modelling and texture mapping for rectilinear buildings**
Sumer E., TÜRKER M.
GEOCARTO INTERNATIONAL, vol.32, no.6, pp.678-696, 2017 (Journal Indexed in SCI)
- IV. **Building extraction from high-resolution optical spaceborne images using the integration of support vector machine (SVM) classification, Hough transformation and perceptual grouping**
TÜRKER M., Koc-San D.
INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION, vol.34, pp.58-69, 2015 (Journal Indexed in SCI)
- V. **AUTOMATED EXTRACTION OF PHOTOREALISTIC FACADE TEXTURES FROM SINGLE GROUND-LEVEL BUILDING IMAGES**
Sumer E., TÜRKER M.
INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE, vol.28, no.4, 2014 (Journal Indexed in SCI)

- VI. **Support vector machines classification for finding building patches from IKONOS imagery: the effect of additional bands**
Koc-San D., TÜRKER M.
JOURNAL OF APPLIED REMOTE SENSING, vol.8, 2014 (Journal Indexed in SCI)
- VII. **An adaptive fuzzy-genetic algorithm approach for building detection using high-resolution satellite images**
Sumer E., TÜRKER M.
COMPUTERS ENVIRONMENT AND URBAN SYSTEMS, vol.39, pp.48-62, 2013 (Journal Indexed in SSCI)
- VIII. **Field-based sub-boundary extraction from remote sensing imagery using perceptual grouping**
TÜRKER M., Kok E. H.
ISPRS JOURNAL OF PHOTOGRAMMETRY AND REMOTE SENSING, vol.79, pp.106-121, 2013 (Journal Indexed in SCI)
- IX. **A model-based approach for automatic building database updating from high-resolution space imagery**
Koc-San D., TÜRKER M.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.33, no.13, pp.4193-4218, 2012 (Journal Indexed in SCI)
- X. **Field-based crop classification using SPOT4, SPOT5, IKONOS and QuickBird imagery for agricultural areas: a comparison study**
TÜRKER M., Ozdarici A.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.32, no.24, pp.9735-9768, 2011 (Journal Indexed in SCI)
- XI. **Building-based damage detection due to earthquake using the watershed segmentation of the post-event aerial images**
TÜRKER M., Sumer E.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.29, no.11, pp.3073-3089, 2008 (Journal Indexed in SCI)
- XII. **Sequential masking classification of multi-temporal Landsat7 ETM+ images for field-based crop mapping in Karacabey, Turkey**
Turker M., ARIKAN M.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.26, no.17, pp.3813-3830, 2005 (Journal Indexed in SCI)
- XIII. **Automatic detection of earthquake-damaged buildings using DEMs created from pre- and post-earthquake stereo aerial photographs**
Turker M., ÇETİNKAYA B.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.26, no.4, pp.823-832, 2005 (Journal Indexed in SCI)
- XIV. **Detection of collapsed buildings caused by the 1999 Izmit, Turkey earthquake through digital analysis of post-event aerial photographs**
Turker M., SAN B. T.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.25, no.21, pp.4701-4714, 2004 (Journal Indexed in SCI)
- XV. **Geometric correction accuracy of IRS-1D PAN imagery using topographic map versus GPS control points**
Turker M., GACEMER A. Ö.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.25, no.6, pp.1095-1104, 2004 (Journal Indexed in SCI)
- XVI. **SPOT HRV data analysis for detecting earthquake-induced changes in Izmit, Turkey**
Turker M., SAN B. T.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.24, no.12, pp.2439-2450, 2003 (Journal Indexed in SCI)
- XVII. **Detecting land use changes at the urban fringe from remotely sensed images in Ankara Turkey**
TÜRKER M., AŞIK Ö.
Geocarto International, vol.17, pp.45-50, 2002 (Journal Indexed in SCI Expanded)
- XVIII. **GIS assisted change detection using remote sensing**
TÜRKER M., DERENYİ E.
Geocarto International, vol.15, pp.49-54, 2000 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Vehicle detection in urban areas from very high resolution UAV color images**
Altun M., TÜRKER M.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.26, no.2, pp.371-384, 2020 (Journal Indexed in ESCI)
- II. **Object-based crop pattern detection from IKONOS satellite images in agricultural areas**
TAVUS B., Karatas K., TÜRKER M.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.25, no.5, pp.603-614, 2019 (Journal Indexed in ESCI)
- III. **AN EYE-CONTROLLED WEARABLE COMMUNICATION AND CONTROL SYSTEM FOR ALS PATIENTS: SMARTEYES**
Sumer E., Uslu I. B. , TÜRKER M.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.8, no.2, pp.107-116, 2017 (Journal Indexed in ESCI)
- IV. **Eye Movement Controlled Peripherals for the Handicapped-Paralyzed People and ALS Patients**
USLU İ. B. , ARI F., SÜMER E., TÜRKER M.
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :A-Uygulamalı Bilimler ve Mühendislik, vol.18, pp.763-776, 2017 (Other Refereed National Journals)
- V. **Çok Yüksek Çözünürlüklü İHA Görüntülerinden Otomatik Ağaç Tespiti**
GÜRBÜZ F., TÜRKER M.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.17, pp.60-71, 2017 (Other Refereed National Journals)
- VI. **An automatic region growing based approach to extract facade textures from single ground level building images**
SÜMER E., TÜRKER M.
Chamber of Surveying and Cadastre Engineers Journal of Geodesy and Geoinformation, vol.2, pp.9-17, 2013 (Other Refereed National Journals)
- VII. **3 Boyutlu Bina Modelleri İçin Otomatik Bina Yüz Dokusu Çıkarımı**
SÜMER E., TÜRKER M.
Jeodezi, Jeoinformasyon ve Arazi Yönetimi Dergisi, pp.11-16, 2009 (Other Refereed National Journals)
- VIII. **Yüksek çözünürlüklü uydu görüntülerinden genetik algoritma yaklaşımı ile bina tespiti**
TÜRKER M., SÜMER E.
Yüksek çözünürlüklü uydu görüntülerinden genetik algoritma yaklaşımı ile bina tespiti, pp.30-44, 2008 (Other Refereed National Journals)
- IX. **IKONOS pankromatik uydu görüntülerinden sayısal yükseklik modeli oluşturulması**
TÜRKER M., KOÇ SAN D.
Harita Dergisi, pp.31-43, 2005 (Other Refereed National Journals)
- X. **Land use change detection at the rural urban fringe using multi sensor data in Ankara Turkey**
TÜRKER M., ÖZLEM A.
International Journal of Geoinformatics, vol.1, pp.27-36, 2005 (Refereed Journals of Other Institutions)
- XI. **Coğrafi Bilgi Sistemleri Kullanarak Askeri Operasyonlar İçin Arazi Etüdü**
TÜRKER M., GÜRBÜZ Ü.
Silahlı Kuvvetler, pp.82-87, 2004 (Other Refereed National Journals)
- XII. **Uzaktan algılama görüntülerinin sınıflandırılması işleminde yardımcı verilerin kullanılması teknikleri**
TÜRKER M.
Harita Dergisi, pp.1-10, 1999 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **ALS Hastaları için Göz Bebeği Hareketlerine Dayalı Çevre Birimi Kontrolü**
USLU I. B., SUMER E., TÜRKER M., ARI F.
Otomatik Kontrol Ulusal Toplantısı (TOK-2016), Eskişehir, Turkey, 29 September 2016, pp.1-8
- II. **ALS Hastaları için Akıllı Gözlük Sistemi: SmartEyes**
SUMER E., USLU I. B., TÜRKER M.
Akıllı Sistemlerde Yenilikler ve Uygulamaları Sempozyumu (ASYU-2016), Düzce, Turkey, 29 September 2016, pp.1-8
- III. **Yüksek Çözünürlüklü Uydu Görüntülerinden Genetik Algoritma Yaklaşımı Kullanılarak Kentsel Binaların Tespiti**
SUMER E., TÜRKER M.
Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği VII. Teknik Sempozyumu (TUFUAB2013), Trabzon, Turkey, 23 May 2013, pp.1-8
- IV. **Otomatik Üç Boyutlu Bina Modellemesi İçin Bir Yaklaşım**
SUMER E., TÜRKER M.
3. Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu (UZALCBS-2010), Kocaeli, Turkey, 11 October 2010, pp.1-8
- V. **BUILDING DETECTION FROM PAN-SHARPENED IKONOS IMAGERY THROUGH SUPPORT VECTOR MACHINES CLASSIFICATION**
TÜRKER M., San D. K.
8th Symposium on Networking the World with Remote Sensing of ISPRS-Technical-Commission, Kyoto, Japan, 9 - 12 August 2010, vol.38, pp.841-846
- VI. **BUILDING EXTRACTION FROM HIGH RESOLUTION SATELLITE IMAGES USING HOUGH TRANSFORM**
San D. K., TÜRKER M.
8th Symposium on Networking the World with Remote Sensing of ISPRS-Technical-Commission, Kyoto, Japan, 9 - 12 August 2010, vol.38, pp.1063-1068
- VII. **AUTOMATIC RETRIEVAL OF NEAR PHOTO-REALISTIC TEXTURES FROM SINGLE GROUND-LEVEL BUILDING IMAGES**
TÜRKER M., Sumer E.
Conference on Geographic Object-Based Image Analysis (GEOBIA), Ghent, Belgium, 29 June - 02 July 2010
- VIII. **Towards Automatic Texture Extraction For 3D Building Modelling**
SÜMER E., TÜRKER M.
Map Asia 2009, 18 - 20 August 2009
- IX. **Yüksek Çözünürlüklü Uydu Görüntülerinden Otomatik Bina Güncellemesi İçin Model Bazlı Yaklaşım**
KOC-SAN D., TÜRKER M.
12. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 11 May 2009, pp.10-18
- X. **Binaların Yüksek Çözünürlüklü Uydu Görüntülerinden Otomatik Güncellenmesi İçin Modele Dayalı Yaklaşım**
KOÇ SAN D., TÜRKER M.
BHİKPK.1 Sempozyumu, Ankara, Turkey, 23 February 2009, pp.10-18
- XI. **Gerçekçi Bina Yüz Dokularının Otomatik Çıkarılması ve 3-Boyutlu Bina Modelleri Üzerine Kaplanması**
SUMER E., TÜRKER M.
BHİKPK.1 Sempozyumu, Ankara, Turkey, 23 February 2009, pp.1-8
- XII. **Sanal Bina Modellemesi İçin Bina Yüz Dokularının Otomatik Çıkarılması**
SUMER E., TÜRKER M.
Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği (TUFUAB)V. Teknik Sempozyumu, Ankara, Turkey, 04 February 2009, pp.1-8
- XIII. **Mevcut Bina Veri Tabanlarının Yüksek Çözünürlüklü Uydu Görüntülerinden Otomatik Güncellenmesi**
KOÇ SAN D., TÜRKER M.
Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği (TUFUAB)V. Teknik Sempozyumu, Ankara, Turkey, 04 February 2009, pp.10-18
- XIV. **Coğrafi Bilgi Sistemlerine Bina Vektör Verisinin Sağlanması İçin Yeni Bir Yaklaşım: Genetik Algoritma**

Uygulamas1

SUMER E., TÜRKER M.

TMMOB Harita ve Kadastro Mühendisleri Odası Ankara Şubesi I. CBS Günleri Sempozyumu, Ankara, Turkey, 19 November 2008, pp.1-8

- XV. **Destek Vektör Makineleri İle Yüksek Çözünürlüklü Görüntülerden Binaların Belirlenmesi**
KOÇ SAN D., TÜRKER M.
TMMOB Harita ve Kadastro Mühendisleri Odası Ankara Şubesi I. CBS Günleri Sempozyumu, Ankara, Turkey, 19 November 2008, pp.10-18
- XVI. **Orto-Rektifiye Edilmiş Hava Fotoğraflarından Genetik Algoritma ile Otomatik Bina Tespiti**
SUMER E., TÜRKER M.
2. Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu, Kayseri, Turkey, 13 October 2008, pp.1-8
- XVII. **Binaların Yüksek Çözünürlüklü Uydu Görüntülerinden Destek Vektör Makineleri Sınıflandırma Tekniğı Kullanılarak Belirlenmesi**
KOÇ SAN D., TÜRKER M.
2. Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu, Kayseri, Turkey, 13 October 2008, pp.10-18
- XVIII. **Building Detection from High Resolution Satellite Imagery Using Adaptive Fuzzy Genetic Approach**
SÜMER E., TÜRKER M.
GEOBIA, Calgary, Canada, 5 - 08 August 2008
- XIX. **Automatic building extraction from high resolution satellite images for map updating: A model based approach**
San D. K. , TÜRKER M.
Annual Symposium of the Urban-Data-Management-Society, Stuttgart, Germany, 10 - 12 October 2007, pp.3-4
- XX. **Binaların Yüksek Çözünürlüklü Uydu Görüntülerinden Belirlenebilme Potansiyeli**
TÜRKER M., KOÇ SAN D.
Ulusal CBS' 2007 Kongresi, Trabzon, Turkey, 30 October 2007, pp.1-8
- XXI. **Çok Banthlı Bilsat 1 Görüntülerinin Self Kalibrasyonu ve Ortorektifikasyonu**
OK A. Ö. , TÜRKER M.
Ulusal Coğrafi Bilgi Sistemleri Kongresi, Trabzon, Turkey, 30 October - 02 November 2007
- XXII. **Deprem Sonrası Hava Fotoğraflarından Bina Hasar Tespiti İçin Bütünleşik Bir Sistem Yaklaşımı: BiDHaS**
SUMER E., TÜRKER M.
Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliğı IV. Teknik Sempozyumu, İstanbul, Turkey, 05 June 2007, pp.1-8
- XXIII. **Tarım Parselleri İçindeki Farklı Ürünler Arasındaki Sınırların Uydu Görüntülerinden Otomatik Olarak Belirlenmesi**
KOK E. H. , TÜRKER M.
Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliğı IV. Teknik Sempozyumu, İstanbul, Turkey, 05 June 2007, pp.10-18
- XXIV. **Binaların Yüksek Çözünürlüklü Uydu Görüntülerinden Modele Dayalı Yaklaşım Kullanılarak Belirlenmesi**
TÜRKER M., KOÇ SAN D.
Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliğı IV. Teknik Sempozyumu, İstanbul, Turkey, 05 June 2007, pp.20-28
- XXV. **Automatic Building Extraction from High Resolution Stereo Satellite Images**
KOÇ SAN D., TÜRKER M.
Information Extraction from SAR and Optical Data with Emphasis on Developing Countries, İstanbul, Turkey, 16 - 18 May 2007
- XXVI. **Geometric Calibration and Orthorectification of Bilsat-1 Imagery**
OK A. Ö. , TÜRKER M.
ASPRS 2007 Annual Conference, Tama, United States Of America, 7 - 11 May 2007
- XXVII. **Geometric Calibration and Orthorectification of BILSAT 1 Imagery**

- OK A. Ö., TÜRKER M.
Proceedings of American Society for Photogrammetry and Remote Sensing Annual Conference, Tampa, Florida, USA, Tampa, Florida, United States Of America, 7 - 11 May 2007
- XXVIII. **Field-based classification of different resolution images and the filtering effects on the accuracies**
Ozdarici A., TÜRKER M.
3rd International Conference on Recent Advances in Space Technologies, İstanbul, Turkey, 14 - 16 June 2007, pp.321-322
- XXIX. **Automatic Extraction of Sub-Boundaries within Agricultural Fields from Remote Sensing Images**
TÜRKER M., KOK E. H.
2nd Workshop of the EARSeL SIG on Land Use and Land Cover, Bonn, Germany, 28 - 30 September 2006
- XXX. **Developing an Integrated System for Extracting the Sub fields within Agricultural Parcels from Remote Sensing Images**
TÜRKER M., KOK E. H.
First International Conference on Object-based Image Analysis (OBIA 2006), Salzburg, Austria, 4 - 05 July 2006
- XXXI. **An Integrated Earthquake Damage Detection System**
SÜMER E., TÜRKER M.
First International Conference on Object-based Image Analysis (OBIA 2006), Salzburg, Austria, 4 - 05 July 2006
- XXXII. **Field-based Classification of Agricultural Crops Using Multi-scale Images**
ÖZDARICI OK A., TÜRKER M.
First International Conference on Object-based Image Analysis (OBIA 2006), Salzburg, Austria, 4 - 05 July 2006
- XXXIII. **Comparison of Multi-Scale Images of an Agricultural Land Using Polygon-Based Classification Techniques**
ÖZDARICI OK A., TÜRKER M.
ISPRS Mid-term Symposium, Remote Sensing: From Pixels to Processes, Enschede, Netherlands, 8 - 11 May 2006
- XXXIV. **Automatic Building Detection and Delineation from High Resolution Space Images Using Model-Based Approach**
KOÇ SAN D., TÜRKER M.
ISPRS Workshop, Topographic Mapping from Space (with Special Emphasis on Small Satellites), Ankara, Turkey, 14 - 16 February 2006
- XXXV. **Comparison of Different Mathematical Models on the Accuracy of the Orthorectification of ASTER Imagery**
OK A. Ö., TÜRKER M.
ISPRS Workshop, Topographic Mapping from Space (with Special Emphasis on Small Satellites), Ankara, Turkey, 14 - 16 February 2006
- XXXVI. **Orthorectification of Bilsat Imagery Using Rigorous and Simple Geometric Models**
OK A. Ö., TÜRKER M.
ISPRS Workshop, Topographic Mapping from Space (with Special Emphasis on Small Satellites), Ankara, Turkey, 14 - 16 February 2006
- XXXVII. **An Approach for Automatic Building Detection from High Resolution Images**
KOÇ SAN D., TÜRKER M.
ISPRS Workshop, Commission II, WG2, Spatial/Spatio-Temporal Data Mining (SDM) and Learning, Ankara, Turkey, 24 - 25 November 2005
- XXXVIII. **Comparison of Different Spatial Resolution Images for Parcel-Based Crop Mapping**
ÖZDARICI OK A., TÜRKER M.
ISPRS Workshop, Commission II, WG2, Spatial/Spatio-Temporal Data Mining (SDM) and Learning, Ankara, Turkey, 24 - 25 November 2005
- XXXIX. **Building Damage Detection From Post-Earthquake Aerial Imagery Using Building Grey-Value and Gradient Analyses**
SÜMER E., TÜRKER M.
2nd International Conference on Recent Advances in Space Technologies, İstanbul, Turkey, 9 - 11 July 2005
- XL. **Automatic Building Detection From High Resolution Satellite Images**

- KOÇ SAN D., TÜRKER M.
2nd International Conference on Recent Advances in Space Technologies, İstanbul, Turkey, 9 - 11 July 2005
- XLII. **DEM Generation and Accuracy Assessment From Stereo ASTER Imagery**
OK A. Ö. , TÜRKER M.
2nd International Conference on Recent Advances in Space Technologies, İstanbul, Turkey, 9 - 11 July 2005
- XLIII. **Stereo ASTER Uydu Görüntülerinden Sayısal Yükseklik Modeli Oluşturma ve Doğruluk Analizleri**
OK A. Ö. , TÜRKER M.
Ege Coğrafi Bilgi Sistemleri Sempozyumu, 27 - 29 May 2005, pp.183-192
- XLIV. **Yüksek Çözünürlüklü Uydu Görüntülerinden Binaların Otomatik Bulunması için Bir Yaklaşım**
TÜRKER M., KOÇ SAN D.
E. Ü. Coğrafya Bölümü Sempozyumları III, EGE Coğrafi Bilgi Sistemleri Sempozyumu, İzmir, Turkey, 27 April 2005, pp.10-18
- XLV. **ASTER Stereo Görüntülerinden Sayısal Yükseklik Modelleri Oluşturma ve Doğruluk Analizleri**
OK A. Ö. , TÜRKER M.
E. Ü. Coğrafya Bölümü Sempozyumları III, EGE Coğrafi Bilgi Sistemleri Sempozyumu, İzmir, Turkey, 27 April 2005, pp.1-8
- XLVI. **Field-based crop mapping through sequential masking classification of multi-temporal Landsat-7 ETM images in Karacabey, Turkey**
TÜRKER M., ARIKAN M.
XXth ISPRS Congress, İstanbul, Turkey, 12 - 23 July 2004
- XLVII. **Detection of the earthquake damaged buildings from post-event aerial photographs using perceptual grouping**
GÜLER M. U. A. , TÜRKER M.
XXth ISPRS Congress, İstanbul, Turkey, 12 - 23 July 2004
- XLVIII. **Building damage detection from post earthquake aerial images using watershed segmentation in Golcuk Turkey**
SÜMER E., TÜRKER M.
XXth ISPRS Congress, İstanbul, Turkey, 12 - 23 July 2004
- XLIX. **Coğrafi Bilgi Sistemleri (CBS) ve Sistem Simülasyon Modelleri (SSM) kullanılarak katı atık deponi sahalarının değerlendirilmesi**
Tarhan B., Ünlü K., TÜRKER M., Tortamış O.
2. Ulusal Çevre Kirliliği Kontrolü Sempozyumu, Ankara, Turkey, 22 October 2003, pp.1-8
- L. **The design and implementation of a cadastral database with a spatiotemporal modeling approach in Turkey**
TÜRKER M., KOCAMAN S.
Map Asia 2003, Kuala-Lumpur, Malaysia, 13 - 15 October 2003
- L. **Parcel-Based crop identification through multi-temporal masking classification of Landsat7 ETM images in Karacabey, Turkey**
TÜRKER M., ARIKAN M.
International Congress, Information Technology in Agriculture, Food, and Environment, İzmir, Turkey, 7 - 10 October 2003
- LI. **Harita ve GPS ile üretilmiş kontrol noktaları kullanarak IRS-1D görüntüsünün geometrik doğruluğunun araştırılması**
GACEMER A. Ö. , TÜRKER M.
9. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 31 March 2003, pp.1-8
- LII. **Texture segmentation by using adaptive polyphase subband decomposition**
YAMAN M., ATALAY M. V. , TÜRKER M., ÇETİN E., GEREK Ö.
The 17nd International Symposium on Computer and Information Sciences, Orlando, United States Of America, 28 - 30 October 2002
- LIII. **Terrain analysis for military operations using Geographic Information Systems**
ÜNAL G., TÜRKER M.

- International Symposium on GIS, İstanbul, Turkey, 23 - 26 September 2002
- LIV. **Geometric correction accuracy of IRS-1C/D Pan imagery using map versus GPS control points**
GACEMER A. Ö. , TÜRKER M.
International Symposium on GIS, İstanbul, Turkey, 23 - 26 September 2002
- LV. **Multi-Level analysis of space and aerial images for detecting earthquake induced changes in Golcuk, Turkey**
TÜRKER M., SAN B. T.
International Symposium on GIS, İstanbul, Turkey, 23 - 26 September 2002
- LVI. **Texture Discrimination and Segmentation of Remote Sensing Images by using Adaptive Polyphase Subband Decomposition**
YAMAN M., ATALAY M. V. , TÜRKER M.
3rd Symposium Remote Sensing of Urban Areas, İstanbul, Turkey, 11 - 13 June 2002
- LVII. **Earthquake damage assessment of buildings from aerial photograph**
SAN B. T. , TÜRKER M.
3rd Symposium Remote Sensing of Urban Areas, İstanbul, Turkey, 11 - 13 June 2002
- LVIII. **Uydu görüntülerinin değerlendirme süreçleri**
ALGÜN O., LELOĞLU U. M. , TÜRKER M.
1 nci Uluslararası Uzay Sempozyumu, Ankara, Turkey, 30 - 31 May 2001
- LIX. **The effect of digital elevation model accuracy on the planimetric accuracy of SPOT orthoimagery**
TÜRKER M., ERDOĞAN M.
Fourth International Symposium, Turkish-German Joint Geodetic Days, Berlin, Germany, 3 - 06 April 2001
- LX. **Accuracy assessment of automatically generated digital elevation models from stereo SPOT images**
ERDOĞAN M., TÜRKER M.
Fourth International Symposium, Turkish-German Joint Geodetic Days, Berlin, Germany, 3 - 06 April 2001
- LXI. **Integrated analysis of remotely sensed and geographic data for land cover classification**
TÜRKER M., ÖZEN H.
ASPRS-2000 Annual Convention, Washington, United States Of America, 23 - 26 May 2000
- LXII. **Change detection using the integration of remote sensing and GIS A Polygon Based Approach**
TÜRKER M.
XIXth ISPRS Congress, Amsterdam, Netherlands, 16 - 23 July 2000
- LXIII. **Polygon based analysis of remotely sensed images for agricultural lands using GIS/RS integration**
TÜRKER M.
International Symposium on Remote Sensing and Integrated Technologies, İstanbul, Turkey, 20 - 22 October 1999
- LXIV. **Polygon specific monitoring of forest plantations using remotely sensed images**
TÜRKER M., DERENYİ E.
Proceedings of the XI World Forestry Congress, Antalya, Turkey, 13 - 22 October 1997
- LXV. **GIS database updating from remotely sensed images**
TÜRKER M., DERENYİ E.
International Symposium on Geomatics in the Era of Radarsat, Ottawa, Canada, 24 - 30 May 1997
- LXVI. **Polygon based analysis of remotely sensed images in an integrated geographic information system (IGIS)**
DERENYİ E., TÜRKER M.
XVIIIth ISPRS Congress, Viyena, Austria, 12 - 18 May 1996
- LXVII. **Polygon based image analysis in a GIS**
DERENYİ E., TÜRKER M.
26th International Symposium on Remote Sensing, The 18th Symposium of the Canadian Remote Sensing Society:Information Tools for Sustainable Development, Vancouver, Canada, 25 - 29 March 1996
- LXVIII. **Orientation test on Yzerman APY instrument**
TÜRKER M., TAIT D.
XVIIth ISPRS Congress, Washington, United States Of America, 12 - 18 July 1992

Supported Projects

TÜRKER M., Project Supported by Higher Education Institutions, LiDAR Nokta Bulutu Verisinden Bina Çıkarımı, 2016 - 2017

TÜRKER M., Project Supported by Higher Education Institutions, Uydu Görüntülerinden Otomatik Tarım Parseli Çıkarımı, 2015 - 2016

SERT Ö., ERCANOĞLU M., TÜRKER M., Project Supported by Higher Education Institutions, Sosyal Bilimler İçin Coğrafi Bilgi Sistemleri Atölyesi, 2015 - 2015

Citations

Total Citations (WOS):426

h-index (WOS):11