



Prof. ÖZGÜN AKÇAY

Personal Information

Office Phone: [+90 286 218 0018](tel:+902862180018) Extension: 20006

Email: akcay@comu.edu.tr

Web: <https://harita.muhendislik.comu.edu.tr/>

Address: ÇOMÜ Terzioğlu Yerleşkesi, Mühendislik Fak., Harita Müh. Bölümü, Z-30,
Çanakkale



International Researcher IDs

ScholarID: arWnJ2kAAAAJ

ORCID: 0000-0003-0474-7518

Publons / Web Of Science ResearcherID: AAC-9438-2022

ScopusID: 37041270600

Yoksis Researcher ID: 124210

Education Information

Doctorate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği,
Turkey 2002 - 2008

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Jeodezi Ve
Fotogrametri Mühendisliği, Turkey 1999 - 2002

Undergraduate, İstanbul Technical University, İnşaat Fakültesi, Jeodezi Ve Fotogrametri
Mühendisliği, Turkey 1994 - 1999

Biography

Prof. Özgün Akçay was born in Samsun in 1976. He graduated from İstanbul Technical University (ITU) Civil Engineering Faculty, Geomatics Engineering Department in 1999. He completed his M.Sc. and Ph.D. studies as a Research Assistant at ITU Geomatics Engineering. During his doctoral research, he studied as a scholarship researcher at the University of Vienna in Austria and the University of Hannover in Germany. In 2012, he was appointed as an Assistant Professor at Çanakkale Onsekiz Mart University (COMU) Department of Geomatics Engineering. He earned the title of professor in the field of Photogrammetry and Remote Sensing in 2022. He is still the head of the Department of COMU Geomatics Engineering. He is married and has a daughter.

Research Areas

Geotechnical Engineering, Geographic Information Systems, Photogrammetry, Remote sensing, Engineering and Technology

Academic Titles / Tasks

Professor, Çanakkale Onsekiz Mart University, Mühendislik Fakültesi, Harita Mühendisliği, 2022 - Continues

Associate Professor, Çanakkale Onsekiz Mart University, Mühendislik Fakültesi, Harita Mühendisliği, 2017 - 2022

Assistant Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Harita Mühendisliği, 2012 - 2017
Research Assistant, İstanbul Technical University, İnşaat Fakültesi, Geomatik Mühendisliği, 2001 - 2012

Academic and Administrative Experience

Head of Department, Canakkale Onsekiz Mart University, 2016 - Continues

Head of Department, Canakkale Onsekiz Mart University, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Semantic Segmentation of High-Resolution Airborne Images with Dual-Stream DeepLabV3+
AKÇAY Ö., KINACI A. C., AVŞAR E. Ö., AYDAR U.
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, vol.11, no.1, 2022 (SCI-Expanded)
- II. Assessment of Segmentation Parameters for Object-Based Land Cover Classification Using Color-Infrared Imagery
AKÇAY Ö., AVŞAR E. Ö., İNALPULAT M., GENÇ L., Cam A.
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, vol.7, no.11, 2018 (SCI-Expanded)
- III. Fiber quantity analysis of cementitious composite using multifocus imagery
AKÇAY Ö., Pekmezci B. Y., Şeker D. Z., Tuncel E. Y., Atahan H. N.
POLYMER COMPOSITES, vol.39, no.6, pp.2126-2134, 2018 (SCI-Expanded)
- IV. An UAS-assisted multi-sensor approach for 3D modeling and reconstruction of cultural heritage site
ERENOĞLU R. C., AKÇAY Ö., ERENOĞLU O.
JOURNAL OF CULTURAL HERITAGE, vol.26, pp.79-90, 2017 (SCI-Expanded)
- V. Landslide Fissure Inference Assessment by ANFIS and Logistic Regression Using UAS-Based Photogrammetry
AKÇAY Ö.
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, vol.4, no.4, pp.2131-2158, 2015 (SCI-Expanded)
- VI. Building a semantic based public transportation geoportal compliant with the INSPIRE transport network data theme
Gunay A., AKÇAY Ö., Altan M. O.
EARTH SCIENCE INFORMATICS, vol.7, no.1, pp.25-37, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. Drought monitoring in Burdur Lake, Turkey using multi-sensor remote sensing data sets
Polat A. B., Akçay Ö., Kontas F.
Advances in Geodesy and Geoinformation, vol.73, no.1, pp.1-27, 2024 (ESCI)
- II. AUTOMATIC EXTRACTION OF SURFACE DYNAMICS USING GOOGLE EARTH ENGINE FOR UNDERSTANDING DROUGHT PHENOMENON
Polat A. B., Akçay Ö.
THE INTERNATIONAL ARCHIVES OF THE PHOTOGRAMMETRY, REMOTE SENSING AND SPATIAL INFORMATION SCIENCES, vol.48, no.1, pp.559-564, 2023 (Scopus)
- III. Bina Zarfinin Termal Görüntüler ile Fotogrametrik Modelenmesi
Sakalp D., Akçay Ö.
Türk Uzaktan Algılama ve CBS Dergisi, vol.4, no.1, pp.1-16, 2023 (Peer-Reviewed Journal)
- IV. Development of Macro Software for Digital Forest Cadastral Map Drawing
Şahin S., Akçay Ö.
Türkiye Coğrafi Bilgi Sistemleri Dergisi, vol.4, no.2, pp.55-64, 2022 (Peer-Reviewed Journal)

- V. **The relationship between mucilage covered areas and chlorophyll-a concentration: The sea of Marmara case**
 Polat A. B., Balık Şanlı F., Akçay Ö.
 SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.40, no.3, pp.673-684, 2022 (ESCI)
- VI. **Analyzing rice farming between sowing and harvest time with Sentinel-1 SAR data**
 Polat A. B., Balık Şanlı F., Akçay Ö.
 Advanced Remote Sensing Journal (ARSEJ), vol.2, no.1, pp.34-39, 2022 (Peer-Reviewed Journal)
- VII. **Automatic Construction of a Knowledge Base for Transport Networks**
 Akçay Ö.
 Advanced GIS, vol.2, no.1, pp.8-17, 2022 (Peer-Reviewed Journal)
- VIII. **Monitoring seasonal effects in vegetation areas with Sentinel-1 SAR and Sentinel-2 optic satellite images**
 Polat A. B., Akçay Ö., Balık Şanlı F.
 Arabian Journal Of Geosciences, vol.15, pp.1-22, 2022 (Scopus)
- IX. **Geometric and Spectral Analysis of Open-pit Mining with Photogrammetric Method: The Case of Bigadiç Boron Mine**
 Can F., Polat A. B., Akçay Ö.
 Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.22, no.1, pp.175-186, 2022 (Peer-Reviewed Journal)
- X. **Boundary Extraction Based on Dual Stream Deep Learning Model in High Resolution Remote Sensing Images**
 Akçay Ö., Kinacı A. C., Avşar E. Ö., Aydar U.
 Journal of Advanced Research in Natural and Applied Sciences, vol.7, no.3, pp.358-368, 2021 (Peer-Reviewed Journal)
- XI. **Photogrammetric analysis of multispectral and thermal close-range images**
 Akçay Ö.
 Mersin Photogrammetry Journal, vol.3, no.1, pp.29-36, 2021 (Peer-Reviewed Journal)
- XII. **İkili PolSAR Görüntülerinin Çok Zamanlı Ayırışma ve Kontrolsüz Sınıflandırma Analizi**
 Açıksarı E., AKÇAY Ö.
 ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.4, no.2, pp.69-87, 2018 (Peer-Reviewed Journal)
- XIII. **The Effect of JPEG Compression in Close Range Photogrammetry**
 AKÇAY Ö., ERENOĞLU R. C., AVŞAR E. Ö.
 INTERNATIONAL JOURNAL OF ENGINEERING AND GEOSCIENCES, vol.2, pp.35-40, 2017 (Peer-Reviewed Journal)
- XIV. **Termal Kamera İle Ekran Kartının 3 Boyutlu Modelinin Oluşturulması**
 Durgut A., AKÇAY Ö.
 Anadolu Üniversitesi Bilim ve Teknoloji Dergisi A- Uygulamalı Bilimler ve Mühendislik, vol.17, no.1, pp.51-63, 2016 (Peer-Reviewed Journal)
- XV. **Performance Analysis of Thermal Camera Calibration Patterns**
 Durgut A., AKÇAY Ö.
 Uludağ University Journal of The Faculty of Engineering, vol.21, no.1, pp.131-144, 2016 (Peer-Reviewed Journal)
- XVI. **Determination surface characteristics and alteration of Koru mining area by UAV photogrammetry**
 ERENOĞLU O., ERENOĞLU R. C., AKÇAY Ö.
 Coordinates, vol.11, no.8, pp.39-43, 2015 (Peer-Reviewed Journal)
- XVII. **Varlık teorisi ile Konum Destekli Hizmetler'de Görselleştirme**
 AKÇAY Ö., Altan O.
 İTÜ Dergisi, no.8, pp.49-56, 2009 (Peer-Reviewed Journal)

- I. **Photogrammetric analysis of concrete compressive strength**
Deliavci M., Akçay Ö., Aktan S.
5. Uluslararası Bölgesel Kalkınmada Üniversitelerin Rolü Trakya'nın Geleceği Sempozyumu, Çanakkale, Turkey, 12 May 2022, pp.9
- II. **The role of photogrammetry in the energy sustainability of buildings**
Sakalp D., Akçay Ö.
5. Uluslararası Bölgesel Kalkınmada Üniversitelerin Rolü Trakya'nın Geleceği Sempozyumu, Çanakkale, Turkey, 12 - 13 May 2022, pp.29
- III. **Analysis of cultural heritage artifacts with multi-sensor photogrammetry**
Pamuk B., Akçay Ö.
5. Uluslararası Bölgesel Kalkınmada Üniversitelerin Rolü Trakya'nın Geleceği Sempozyumu, Çanakkale, Turkey, 12 - 13 May 2022, pp.28
- IV. **Sentinel-1 SAR Görüntüleri ile Pirinç Tarımının Ekim ve Hasat Zamanı Arasında İncelenmesi**
Polat A. B., Balık Şanlı F., Akçay Ö.
11. TÜRKİYE ULUSAL FOTOGRAMETRİ VE UZAKTAN ALGILAMA BİRLİĞİ TEKNİK SEMPOZYUMU, Mersin, Turkey, 12 - 14 May 2022, vol.1, no.1, pp.1
- V. **Analysis of Sentinel-2 Images in Land Use and Land Cover Classification**
Yalçın D., Akçay Ö.
2nd. International Symposium of Scientific Research and Innovative Studies, Balikesir, Turkey, 2 - 05 March 2022, pp.1302-1303
- VI. **FOTOGRAMETRİK YÖNTEMLER İLE AÇIK MADENLERDE BULUNAN MALZEMELERİN TESPİTİ**
Can F., Polat A. B., Akçay Ö.
TRAKYA ÜNİVERSİTELER BİRLİĞİ V. LİSANSÜSTÜ ÖĞRENCİ KONGRESİ, Balikesir, Turkey, 4 - 05 November 2021, pp.54
- VII. **Nokta Bulutlarının Birleştirilmesinde Farklı Yöntemlerin Karşılaştırılması**
Polat A. B., Akçay Ö.
18. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 26 - 29 May 2021, pp.1-10
- VIII. **A Python Based Toolbox for Optical Satellite Image Classification**
Akçay Ö.
18. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 26 - 29 May 2021, pp.1-7
- IX. **Rapid Flood Mapping with Sentinel-1 SAR Images: A Case Study of Maritsa River**
Polat A. B., Akçay Ö.
2nd Intercontinental Geoinformation Days (IGD), Mersin, Turkey, 5 - 06 May 2021, vol.1, no.1, pp.123-126
- X. **Photogrammetric analysis of multispectral and thermal close-range images**
Akçay Ö.
2nd Intercontinental Geoinformation Days (IGD), Mersin, Turkey, 5 - 06 May 2021, pp.230-233
- XI. **Analysing Temporal Effects on Classification of SAR and Optical Images**
Polat A. B., Akçay Ö., Balık Şanlı F.
EGU General Assembly 2021, Vienna, Austria, 19 - 30 April 2021, no.2114386, pp.1
- XII. **Effects of Orthophoto Band Combinations on Semantic Segmentation**
Altınoluk E., Akçay Ö., Kinacı A. C., Avşar E. Ö., Polat A. B., Aydar U.
Intercontinental Geoinformation Days (IGD), Mersin, Turkey, 25 - 26 November 2020, pp.9-12
- XIII. **OSTSA An Open Source Toolbox for Segmentation Accuracy Analysis**
Kaya F. Z., AYDAR U., AVŞAR E. Ö., AKÇAY Ö.
International Symposium on Applied Geoinformatics, İstanbul, Turkey, 7 - 09 November 2019, pp.1
- XIV. **Su Altı Fotogrametrik Belgelemede Güncel Uygulamalar**
KAYA F. Z., AKÇAY Ö., AVŞAR E. Ö., AYDAR U.
17. TÜRKİYE HARİTA BİLİMSEL VE TEKNİK KURULTAYI, Ankara, Turkey, 25 - 27 April 2019, pp.1-9
- XV. **Çanakkale İli Avlak ve Av Hayvanları Yaşam Alanlarının CBS İle Belirlenmesi**
TURAN D., AYDAR U., AKÇAY Ö., AVŞAR E. Ö.
X. TU FUAB TEKNİK SEMPOZYUMU, Aksaray, Turkey, 25 - 27 April 2019, pp.1-3

- XVI. **Recent Approaches in Segmentation Analysis With Deep Learning Methods**
ALTINOLUK E., AKÇAY Ö., AVŞAR E. Ö., AYDAR U.
X. TUFUAB TEKNİK SEMPOZYUMU, Aksaray, Turkey, 25 - 27 April 2019, pp.1-8
- XVII. **Uydu Görüntülerinden Zamansal Değişim Analizi İçin Matlab Tabanlı Bir Arayüz Tasarımı**
AYDIN G., AVŞAR E. Ö., AKÇAY Ö.
VII. Uzaktan Algılama CBS Sempozyumu, Eskişehir, Turkey, 18 - 21 September 2018, pp.1-8
- XVIII. **Sentinel-1 Polsar ve Sentinel-2 Optik Uydu Görüntülerinin Füzyon İle Sınıflandırılması**
AÇIKSARI E., AKÇAY Ö., AVŞAR E. Ö.
VII. Uzaktan Algılama CBS Sempozyumu, Eskişehir, Turkey, 18 - 21 September 2018, pp.1-8
- XIX. **Object-Based Analysis of Recreation Areas Using High Resolution Color Infrared Aerial Images, Case Study: Çanakkale, TURkey**
AKÇAY Ö., AVŞAR E. Ö., İNALPULAT M., CİVELEK T., GENÇ L.
VIII. International Symposium on Ecology and Environmental Problems, Çanakkale, Turkey, 4 - 07 October 2017, pp.2
- XX. **The Effect Of Image Enhancement Methods During Feature Detection And Matching Of Thermal Images**
AKÇAY Ö., AVŞAR E. Ö.
ISPRS Hannover Workshop: HRIGI 17 – CMRT 17 – ISA 17 – EuroCOW 17, Hannover, Germany, 6 - 09 July 2017, vol.XLII-1/W1, pp.575-578
- XXI. **Correction and Densification of UAS-Based Photogrammetric Thermal Point Cloud**
AKÇAY Ö., ERENOĞLU R. C., ERENOĞLU O.
ISPRS 2016 - XXIII ISPRS Congress, III/2 16/7 16:30: III/2 - Point Cloud Processing 2, Prag, Czech Republic, 12 - 19 July 2016, vol.1, pp.1-4
- XXII. **"A Novel Approach based on GPS/GNSS Surveying to Monitor Excessive Active Landslide: A Case Study of Intepe Landslide"**
GÜNGÖRDÜ D., ERENOĞLU R. C., AKÇAY Ö., ERENOĞLU O.
European Geosciences Union General Assembly 2016, Viyana, Austria, 18 - 22 April 2016, pp.1
- XXIII. **Analysis of Strain Rate during 24 May 2014 Gökçeada Earthquakes (NW Turkey) Using GPS/GNSS Surveys**
ERENOĞLU R. C., AKÇAY Ö., ERENOĞLU O.
European Geosciences Union General Assembly 2016, Viyana, Austria, 18 - 22 April 2016, pp.1
- XXIV. **Heyelan İzleme Amaçlı İHA Destekli Uzaktan Algılama ve GPS/ GNSS Yöntemlerinin Doğruluk Analizi Karşılaştırılması**
BEDİR M., ERENOĞLU R. C., AKÇAY Ö., ERENOĞLU O.
69. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 11 - 15 April 2016, pp.1
- XXV. **Jeotermal Alanlarda Termal Fotogrametri ile Farklı Litolojik Birimlerin ve Kaynak Alanlarının Belirlenmesi**
ERENOĞLU O., AKÇAY Ö., ERENOĞLU R. C.
69. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 11 - 15 April 2016, pp.1
- XXVI. **Doğal Afetlerin İzlenmesinde GPS Duyarlı Konumlama İçin Geliştirilen Web Tabanlı Online Servislerin Analizi**
GÜNGÖRDÜ D., ERENOĞLU R. C., AKÇAY Ö., ERENOĞLU O.
69. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 11 - 15 April 2016, vol.1, no.1, pp.1
- XXVII. **Jeotermal Alanlarda Termal Kamera Görüntüleri ile Farklı Litolojik Birimlerin ve Kaynak Alanlarının Belirlenmesi**
ERENOĞLU O., AKÇAY Ö., ERENOĞLU R. C.
69. Türkiye Jeoloji Kurultayı, Turkey, 7 - 10 March 2016
- XXVIII. **Classification of Geological Characteristics using Thermal Camera Images: A Case Study from Tuzla Geothermal Area (Çanakkale-TURKEY)**
ERENOĞLU O., AKÇAY Ö., ERENOĞLU R. C.
International Symposium on Modern Technologies, Education and Professional Practice in Geodesy and Related

- Fields, Sofya, Bulgaria, 5 - 06 November 2015, pp.102-111
- XXIX. **A New Approach for Mapping Different Types of Rock and Alteration Properties using Photogrammetry Assisted UAS: A Case Study for Karadag Mining Area**
ERENOĞLU R. C., ERENOĞLU O., AKÇAY Ö.
International Symposium on Modern Technologies, Education and Professional Practice in Geodesy and Related Fields, Sofya, Bulgaria, 5 - 06 November 2015, pp.135-141
- XXX. **Accuracy Assessment of Unmanned Aerial System (UAS) - based Thermal Photogrammetry**
AKÇAY Ö., ERENOĞLU R. C., ERENOĞLU O.
International Symposium on Modern Technologies, Education and Professional Practice in Geodesy and Related Fields, Sofya, Bulgaria, 5 - 06 November 2015, pp.45-54
- XXXI. **Estimating Of Landslide By Repeated Gps/Gnss Measurements In The Ambaroba Region, Canakkale, Nw Turkey**
ERENOĞLU R. C., AKÇAY Ö., ERENOĞLU O.
International Symposium on Modern Technologies, Education and Professional Practice in Geodesy and Related Fields, Sofya, Bulgaria, 5 - 06 November 2015, pp.202-213
- XXXII. **Geological and Geomorphological Characterizations of Landslides on the Coast of the Biga Peninsula (Çanakkale, NW Turkey)**
ERENOĞLU O., ERENOĞLU R. C., AKÇAY Ö.
European Geosciences Union General Assembly 2015, Viyana, Austria, 12 - 17 April 2015, pp.1
- XXXIII. **GNSS assisted UAS based Monitoring of Ambaroba Landslide, Canakkale, NW Turkey**
ERENOĞLU R. C., AKÇAY Ö., ERENOĞLU O., KARACA Z.
European Geosciences Union General Assembly 2015, Viyana, Australia, 12 - 17 April 2015, pp.1
- XXXIV. **Thermal 3D Modeling of Geothermal Area Using Terrestrial Photogrammetry**
AKÇAY Ö., ERENOĞLU R. C., ERENOĞLU O., YILMAZTÜRK F., KARACA Z.
European Geosciences Union General Assembly 2015, Viyana, Austria, 12 - 17 April 2015, pp.1
- XXXV. **Determination Surface Characteristics and Alteration of Koru Mining Area (NW Turkey) by UAV Photogrammetry**
ERENOĞLU O., ERENOĞLU R. C., AKÇAY Ö.
FIG Congress 2014, Kuala Lumpur, Malaysia, 16 - 21 June 2014, pp.1
- XXXVI. **UAV Based Monitoring of Adatepe Landslide, Canakkale, NW Turkey**
ERENOĞLU R. C., AKÇAY Ö., ERENOĞLU O., ŞENGÜL E., KARACA Z.
FIG Congress 2014, Engaging the Challenges, Enhancing the Relevance, Kuala Lumpur, Malaysia, 6 - 21 June 2014, pp.1-12
- XXXVII. **Monitoring of Landslides using Repeated Kinematics GPS Observables in Sevketiye Town, Biga Peninsula, Çanakkale, NW Turkey**
ERENOĞLU R. C., AKÇAY Ö., KARACA Z., ERENOĞLU O., ŞENGÜL E., YÜCEL M. A.
EGU General Assembly, Viyana, Austria, 27 April - 02 May 2014, pp.1
- XXXVIII. **Tekrarlı Kinematik GPS Ölçüleri ile Heyelanlarının İzlenmesi: Adatepe Heyelanları (Biga Yarımadası, Çanakkale, Türkiye) Örneği**
ERENOĞLU R. C., AKÇAY Ö., KARACA Z., ERENOĞLU O., ŞENGÜL E., YÜCEL M. A.
67. Türkiye Jeoloji Kurultayı (TJK), Ankara, Turkey, 14 - 18 April 2014, pp.1
- XXXIX. **Monitoring of landslides using geomatics and geophysical methods: the first findings from Sevketiye Landslide, Canakkale, NW Turkey**
ERENOĞLU R. C., AKÇAY Ö., ŞENGÜL E., KOMUT T., ERENOĞLU O.
International Symposium on Modern Technologies, Education and Professional Practice in Geodesy and Related Fields, Sofia, Bulgaria, 8 - 09 November 2013, pp.1
- XL. **The Visualization of Historical Monuments Using Photogrammetry Case study: Gallipoli Peninsula**
AKÇAY Ö., ERENOĞLU R. C., ERENOĞLU O., SİNECAN M.
International Symposium on Modern Technologies, Education and Professional Practice in Geodesy and Related Fields, Sofya, Bulgaria, 7 - 08 November 2013, pp.1
- XLI. **Preliminary Results on the Geology and Alteration Characteristics Obtained by UAV. A Case Study**

- from Biga Peninsula (NW Turkey)**
ERENOĞLU O., ERENOĞLU R. C., AKÇAY Ö., SİNECAN M.
International Symposium on Modern Technologies, Education and Professional Practice in Geodesy and Related Fields, Sofia, Bulgaria, 7 - 08 November 2013, pp.1
- XLII. Effect of Climatic Change on Guzelyali Landslides, NW Canakkale, Turkey**
ERENOĞLU R. C., AKÇAY Ö., ERENOĞLU O., Şeker D. Z.
17th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, İstanbul, Turkey, 28 September - 01 October 2013, pp.1
- XLIII. Monitoring and evaluation of the continuous surface changes on Orhaneli open-mine pit**
AKÇAY Ö., Akyılmaz O., Tunçdemir H., Güclü E., Yılmaztürk S., Motagh M.
5th TerraSAR-X / 4th TanDEM-X Science Team Meeting, Oberpfaffenhofen, Germany, 10 - 14 June 2013, pp.1-4
- XLIV. Tarihi Aynalı Çarşının Fotogrametrik Yöntem ile Modellemesi**
AKÇAY Ö., ERENOĞLU R. C., YÜCEL M. A.
14.Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 14 - 17 May 2013, pp.1
- XLV. A Methodology for Deformation Control with InSAR: Orhaneli Open Pit Mine Case Study**
Tunçdemir H., AKÇAY Ö., Akyılmaz O., Güclü E., Yılmaztürk S., Motagh M.
23RD INTERNATIONAL MINING CONGRESS AND EXHIBITION OF TURKEY, Antalya, Turkey, 16 - 19 April 2013, pp.1-8
- XLVI. Determining the Geochemical Characteristics of Geothermal Resources and Generating a Geothermal Information System of Thermal Waters in Biga Peninsula, NW Turkey.**
ŞANLIYÜKSEL D., YÜCEL M. A., KARACA Z., ÇETİNER S. Z., KAMACI C., ERENOĞLU R. C., AKÇAY Ö., ÇALIŞKAN H.
245th ACS National Meeting & Exposition, New Orleans, United States Of America, 7 - 11 April 2013
- XLVII. Determining the geochemical characteristics of geothermal resources and generating a geothermal information system of thermal waters in Biga Peninsula, NW Turkey**
ŞANLIYÜKSEL YÜCEL D., Yucel A. M., Karaca Z., Cetiner Z. S., Erenoglu C. R., AKÇAY Ö., Kamaci C., Caliskan H.
245th National Spring Meeting of the American-Chemical-Society (ACS), Louisiana, United States Of America, 7 - 11 April 2013, vol.245
- XLVIII. An Ontological Route Determination Service**
AKÇAY Ö.
The International Symposium on Spatial-Temporal Analysis and Data Mining, United Kingdom, 1 - 04 July 2011, pp.1000
- XLIX. Spatial relations and inferences for context aware visualization**
AKÇAY Ö., Altan O.
Joint International Conference on Theory, Data Handling and Modelling, Hong Kong, 1 - 04 May 2010, pp.484-486
- L. Tarihi Kent Dokusunun Korunmasında Fotogrametrinin Kullanım Olanakları**
Altan M. O., Külür S., Toz G., Şeker D. Z., Demirel H., Duran Z., AKÇAY Ö., AVŞAR E. Ö., AYDAR U.
Kent Yönetimi, İnsan ve Çevre Sorunları'08 Sempozyumu, İstanbul, Turkey, 2 - 06 November 2008, pp.553-560
- LI. Symbol-Based Simplification with Fuzzy Logic Approach on Mobile Devices**
AKÇAY Ö., Altan O.
ISPRS Congress Beijing 2008, China, 1 - 04 July 2008, pp.881
- LII. Varlık Bilimi (Ontoloji) İle Konum Destekli Hizmetlerde (KDH) Görselleştirme**
AKÇAY Ö., Altan O.
Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği IV. Semposyum, İstanbul, Turkey, 1 - 04 June 2007, pp.100
- LIII. Ontology for Context-Aware Visualization of Spatial Data in Mobile Devices**
AKÇAY Ö., Altan O.
Joint Workshop - Visualization and Exploration of Geospatial Data, Germany, 1 - 04 June 2007, pp.1000
- LIV. Landscape Modelling And Visualization In Suburban Areas: A Case Study**
Duran Z., AKÇAY Ö., Toz G., Gülersoy N. Z.
The Icomos & Isprs Committee For Documentation Of Cultural Heritage, Italy, 1 - 04 September 2005, pp.783-786
- LV. An Approach For Representation Of Historical Objects By Means Of 2D Web-Based GIS**

- AKÇAY Ö., Yılmaztürk F.
The Icomos & Isprs Committee For Documentation Of Cultural Heritage, Italy, 1 - 04 September 2005, pp.622-624
- LVI. **Açık Kaynak Kodlu Yazılımlar ile Web Tabanlı CBS (Coğrafi Bilgi Sistemleri) Tasarımı**
AKÇAY Ö., Yılmaztürk F.
10. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 1 - 04 March 2005, pp.1013-1020
- LVII. **JPEG Görüntü Sıkıştırmanın Yakın Mesafe Dijital Fotogrametri Dijital Fotogrametri Üzerindeki Etkiler**
Yılmaztürk F., AKÇAY Ö.
10. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 1 - 04 March 2005, pp.918-925
- LVIII. **Panoramic Image Integration Within a Web-Based GIS Application**
AKÇAY Ö., Duran Z., Doğru A. G., Toz G., Altan O.
ISPRS 2004 XXth International Congress, Turkey, 1 - 04 July 2004, pp.371-374
- LIX. **Design of a Tourist Information System (TIS) and Integration with a Panoramic Imaging**
AKÇAY Ö., Altan O.
CIPA 2003 XIXth International Symposium -New perspectives to save cult, Turkey, 1 - 04 September 2003, pp.157-160
- LX. **Coastal and Erosion Risk Analysis Using Remote Sensing and GIS: A Case Study in Sile and Agva Towns**
Saroğlu E., Yasa F., AKÇAY Ö., Abalı H., Musaoğlu N.
23th Earsel Conference, Belgium, 1 - 04 June 2003, pp.349-352
- LXI. **TURİST BİLGİ SİSTEMİ TASARIMI VE PANORAMİK GÖRÜNTÜ İLE ENTEGRASYONU**
AKÇAY Ö., Altan O., Ergün B.
Selçuk Üniversitesi Jeodezi ve Fotogrametri Mühendisliği Öğretiminde 30. Yıl Sempozyumu,, Konya, Turkey, 16 - 18 October 2002, pp.1-0

Supported Projects

- AKÇAY Ö., Can F., POLAT A. B., Project Supported by Higher Education Institutions, Açık Maden İşletmesinde Malzeme Çıkarımının Fotogrametrik Yöntem ile İzlenmesi, 2021 - 2022
- AKÇAY Ö., Pamuk B., Project Supported by Higher Education Institutions, Rgb, Multispektral Ve Termal Görüntülerden Arkeolojik Mirasın Fotogrametrik Analizi: Troya Müzesi Lahitleri Örneği, 2020 - 2022
- AKÇAY Ö., Sakalp D., KINACI A. C., Project Supported by Higher Education Institutions, Yapı Enerji Verimliliğinin Derin Öğrenme Destekli Üç Boyutlu Fotogrametrik Analizi, 2020 - 2022
- Akçay Ö., Avşar E. Ö., Genç L., İnalpulat M., Project Supported by Other Official Institutions, Yüksek Çözünürlüklü Hava Fotoğrafları ile Kentsel-Kırsal Gelişimin İzlenmesi, 2017 - 2022
- Akçay Ö., TUBITAK Project, Yüksek Çözünürlüklü Hava Görüntülerinin Derin Öğrenme ile Sınıflandırılmasında Yeni Ağ Tasarımı ve Analizi, 2020 - 2021
- YÜCEL M. A., ERENOĞLU R. C., AKÇAY Ö., Project Supported by Higher Education Institutions, Mühendislik Fakültesi Geomatik Mühendisliği Bölümü Öğrenci ve Araştırma Altyapısına Mesleki Yazılımların Kazandırılması, 2015 - 2016
- ERENOĞLU R. C., AKÇAY Ö., ERENOĞLU O., Project Supported by Higher Education Institutions, İNSANSIZ HAVA ARACI DESTEKLİ GÖRÜNTÜ İŞLEME TEKNİKLERİ İLE FARKLI KAYA TÜRLERİ VE ALTERASYON ÖZELLİKLERİNİN HARİTALANMASI: KARADAĞ EZİNE ÇEVRESİ ÖRNEĞİ, 2015 - 2016
- KARACA Z., ERENOĞLU R. C., ERENOĞLU O., AKÇAY Ö., TUBITAK Project, İha Destekli Dijital Ve Termal Kamera Görüntülerine Dayalı Jeotermal Analiz Yöntemleri, 2014 - 2015
- ERENOĞLU R. C., AKÇAY Ö., YÜCEL M. A., Project Supported by Higher Education Institutions, ÇOMÜ SABİT GNSS İSTASYONU İLE GPS ZAMAN SERİLERİİNİN GÖZLEM VE DEĞERLENDİRİLMESİ, 2014 - 2014
- YÜCEL M. A., ERENOĞLU R. C., AKÇAY Ö., Project Supported by Higher Education Institutions, ÇOMÜ TERZİOĞLU YERLEŞKESİ HALİHAZIR HARİTASI VE ÜÇ BOYUTLU KAMPÜS MODELİNİN OLUŞTURULMASI, 2013 - 2014

Metrics

Publication: 118

Citation (WoS): 94

Citation (Scopus): 106

H-Index (WoS): 5

H-Index (Scopus): 5