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Eğitim Bilgileri

Post Doktora, Eidgenössische Technische Hochschule, ETHZ (The Federal Institute of Technology, Zürich), İsviçre 2005 - 2005

Post Doktora, Universitaet Hannover, Almanya 2004 - 2004

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Post Doktora, Eidgenössische Technische Hochschule, ETHZ (The Federal Institute of Technology, Zürich), İsviçre 2001 - 2001

Post Doktora, University of Glasgow, İngiltere 2000 - 2000

Post Doktora, Universitaet Hannover, Almanya 1999 - 1999

Doktora, University of Glasgow, Faculty of Science, Dept. of Geography and Topographic Science, İngiltere 1994 - 1998

Yüksek Lisans, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 1991 - 1993

Lisans, Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, Harita Mühendisliği, Türkiye 1987 - 1991

Yabancı Diller

İngilizce, C2 Ustalık

Yaptığı Tezler

Doktora, Geometric and Radiometric Calibration of Video Infrared Imagers for Photogrammetric Applications, University of Glasgow, 1997

Yüksek Lisans, KUBBELERİN FOTOGRAFETRİK YÖNTEMLE ÖLÇÜLMESİ, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, 1993

Araştırma Alanları

3B-Modelleme, Harita Mühendisliği-Geomatik, Coğrafi Bilgi Sistemleri, Fotogrametri, Uzaktan Algılama, Görüntü İşleme, Lidar, Sanal Gerçeklik, Lazer Tarama, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof. Dr., İstanbul Üniversitesi, Deniz Bilimleri ve İşletmeciliği Enstitüsü, Deniz Bilimleri ve İşletmeciliği Bölümü, 2022 - Devam Ediyor
Doç. Dr., Zonguldak Bülent Ecevit Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 2005 - 2007
Dr. Öğr. Üyesi, Zonguldak Bülent Ecevit Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 1998 - 2005
Araştırma Görevlisi, Zonguldak Bülent Ecevit Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 1993 - 1998
Araştırma Görevlisi, Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, Harita Mühendisliği, 1991 - 1993

Akademik İdari Deneyim

Enstitü Yönetim Kurulu Üyesi, İstanbul Üniversitesi, Deniz Bilimleri Ve İşletmeciliği Enstitüsü, Deniz Bilimleri Ve İşletmeciliği Bölümü, 2023 - Devam Ediyor
Fakülte Kurulu Üyesi, Zonguldak Bülent Ecevit Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 2006 - 2006
Bölüm Başkan Yardımcısı, Zonguldak Bülent Ecevit Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 2001 - 2006
Anabilim/Bilim Dalı Başkanı, Zonguldak Bülent Ecevit Üniversitesi, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, 1998 - 2006

Verdiği Dersler

SUALTI FOTOGRAMETRİSİ, Doktora, 2023 - 2024
YÜKSEK ÇÖZEBİLİRLİKLİ UZAKTN ALGILAMA VERİLERİ VE ANALİZ YAKLAŞIMLARI, Doktora, 2023 - 2024
COĞRAFİ BİLGİ SİSTEMLERİ VE DENİZEL BİYÖÇEŞİTLİLİK, Yüksek Lisans, 2023 - 2024
DENİZ BİLİMLERİNDE OLASILIK VE İSTATİSTİK, Yüksek Lisans, 2023 - 2024

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Comparative Analyses for Determining Shallow Water Bathymetry Potential of Multispectral UAVs: Case Study in Tavşan Island, Sea of Marmara**
Sefercik U. G., Nazar M., Aydın İ., Büyüksalih G., Gazioğlu C., Bayırhan İ.
FRONTIERS IN MARINE SCIENCE, cilt.11, ss.1-19, 2024 (SCI-Expanded)
- II. Editorial for a Special Issue: Assessment of Coastal Vulnerability to Sea Level Rise Using Remote Sensing**
BÜYÜKSALİH G., GAZİOĞLU C.
PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, cilt.92, sa.4, ss.315-316, 2024 (SCI-Expanded)
- III. Improving the Accuracy of Satellite-Derived Bathymetry Using Multi-Layer Perceptron and Random Forest Regression Methods: A Case Study of Tavşan Island**
Çelik O. İ., BÜYÜKSALİH G., GAZİOĞLU C.
Journal of Marine Science and Engineering, cilt.11, sa.11, 2023 (SCI-Expanded)
- IV. Rooftop photovoltaic potential in Istanbul: Calculations based on LiDAR data, measurements and verifications**
Yıldırım D., Buyuksalih G., Şahin A. D.
APPLIED ENERGY, cilt.304, 2021 (SCI-Expanded)
- V. Quality analysis of Worldview-4 DSMs generated by least squares matching and semiglobal matching**

Sefercik U. G., ALKAN M., Jacobsen K., Atalay C., Buyuksalih G.

JOURNAL OF APPLIED REMOTE SENSING, cilt.15, sa.3, 2021 (SCI-Expanded)

- VI. **Optimizing the Achievable Information Content Extraction from WorldView-4 Stereo Imagery**
Sefercik U. G., ALKAN M., Atalay C., Jacobsen K., Buyuksalih G., Karakis S.
PFG-JOURNAL OF PHOTOGRAMMETRY REMOTE SENSING AND GEOINFORMATION SCIENCE, cilt.88, sa.6, ss.449-461, 2020 (SCI-Expanded)
- VII. **DSM generation with bistatic TanDEM-X InSAR pairs and quality validation in inclined topographies and various land cover classes**
Sefercik U. G., Buyuksalih G., Atalay C.
ARABIAN JOURNAL OF GEOSCIENCES, cilt.13, sa.13, 2020 (SCI-Expanded)
- VIII. **Preserving the Knowledge of the Past Through Virtual Visits: From 3D Laser Scanning to Virtual Reality Visualisation at the Istanbul catalca Incegiz Caves**
Buyuksalih G., Kan T., Ozkan G. E., Meric M., Isin L., Kersten T. P.
PFG-JOURNAL OF PHOTOGRAMMETRY REMOTE SENSING AND GEOINFORMATION SCIENCE, cilt.88, sa.2, ss.133-146, 2020 (SCI-Expanded)
- IX. **DSM Quality of Korean Satellite KOMPSAT-3 in Comparison to AW3D30 and Sentinel-1A in Respect of Airborne Laser Scanning**
Sefercik U. G., Buyuksalih G., Jacobsen K., Bayburt S.
KSCE JOURNAL OF CIVIL ENGINEERING, cilt.23, sa.7, ss.3162-3173, 2019 (SCI-Expanded)
- X. **Validation of Sentinel-1A and AW3D30 DSMs for the Metropolitan Area of Istanbul, Turkey**
Sefercik U. G., Buyuksalih G., Atalay C., Jacobsen K.
PFG-JOURNAL OF PHOTOGRAMMETRY REMOTE SENSING AND GEOINFORMATION SCIENCE, cilt.86, sa.3-4, ss.141-155, 2018 (SCI-Expanded)
- XI. **Point-based and model-based geolocation analysis of airborne laser scanning data**
Sefercik U. G., Buyuksalih G., Jacobsen K., ALKAN M.
OPTICAL ENGINEERING, cilt.56, sa.1, 2017 (SCI-Expanded)
- XII. **GENERATION AND VALIDATION OF HIGH-RESOLUTION DEMS FROM WORLDVIEW-2 STEREO DATA**
Sefercik U. G., ALKAN M., Buyuksalih G., Jacobsen K.
PHOTOGRAMMETRIC RECORD, cilt.28, sa.144, ss.362-374, 2013 (SCI-Expanded)
- XIII. **Geometric accuracy and information content of WorldView-1 images**
Alkan M., Buyuksalih G., Sefercik U. G., Jacobsen K.
OPTICAL ENGINEERING, cilt.52, sa.2, 2013 (SCI-Expanded)
- XIV. **Assessment of a Photogrammetric Approach for Urban DSM Extraction from Tri-Stereoscopic Satellite Imagery**
Tack F., Goossens R., Buyuksalih G.
PHOTOGRAMMETRIC RECORD, cilt.27, sa.139, ss.293-310, 2012 (SCI-Expanded)
- XV. **A mixed spaceborne sensor approach for surface modelling of an urban scene**
Tack F., Buyuksalih G., Goossens R.
INTERNATIONAL JOURNAL OF REMOTE SENSING, cilt.33, sa.19, ss.6035-6059, 2012 (SCI-Expanded)
- XVI. **3D building reconstruction based on given ground plan information and surface models extracted from spaceborne imagery**
Tack F., Buyuksalih G., Goossens R.
ISPRS JOURNAL OF PHOTOGRAMMETRY AND REMOTE SENSING, cilt.67, ss.52-64, 2012 (SCI-Expanded)
- XVII. **Documentation of Istanbul Historic Peninsula by Kinematic Terrestrial Laser Scanning**
Kersten T. P., Bueyueksalih G., Baz I., Jacobsen K.
PHOTOGRAMMETRIC RECORD, cilt.24, sa.126, ss.122-138, 2009 (SCI-Expanded)
- XVIII. **Information content of optical satellite images for topographic mapping**
Topan H., Maktav D., Jacobsen K., Buyuksalih G.
INTERNATIONAL JOURNAL OF REMOTE SENSING, cilt.30, sa.7, ss.1819-1827, 2009 (SCI-Expanded)
- XIX. **Geometric accuracy evaluation of the DEM generated by the Russian TK-350 stereo scenes using the SRTM X- and C-band interferometric DEMs**

- Buyuksalih G., Kocak G., Oruc M.
PHOTOGRAMMETRIC ENGINEERING AND REMOTE SENSING, cilt.71, sa.11, ss.1295-1301, 2005 (SCI-Expanded)
- XX. **Spot revisited: Accuracy assessment, dem generation and validation from stereo spot 5 HRG images**
Buyuksalih G., Kocak G., Topan H., Oruc M., Marangoz A.
PHOTOGRAMMETRIC RECORD, cilt.20, sa.110, ss.130-146, 2005 (SCI-Expanded)
- XXI. **Accuracy assessment of interferometric digital elevation models derived from the Shuttle Radar Topography Mission X- and C-band data in a test area with rolling topography and moderate forest cover**
Kocak G., Buyuksalih G., Oruc M.
OPTICAL ENGINEERING, cilt.44, sa.3, 2005 (SCI-Expanded)
- XXII. **Accuracy analysis, DEM generation and validation using Russian TK-350 stereo-images**
Buyuksalih G., Kocak G., Oruc M., Akcin H., Jacobsen K.
PHOTOGRAMMETRIC RECORD, cilt.19, sa.107, ss.200-218, 2004 (SCI-Expanded)
- XXIII. **Geometric calibration models of infrared cameras and scanners for photogrammetric and remote sensing applications**
Buyuksalih G.
OPTICAL ENGINEERING, cilt.42, sa.7, ss.1923-1934, 2003 (SCI-Expanded)
- XXIV. **Practical experiences with automatic aerial triangulation using different software packages**
Buyuksalih G., Li Z.
PHOTOGRAMMETRIC RECORD, cilt.18, sa.102, ss.131-155, 2003 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **3D City Modelling of Istanbul**
Baskaraca P., Buyuksalih G., Rahman A. A.
GIM INTERNATIONAL-THE WORLDWIDE MAGAZINE FOR GEOMATICS, cilt.33, sa.1, ss.16-19, 2019 (ESCI)
- II. **Bundle block adjustment with ultracamD images**
Buyüksalih G., Jacobsen K.
Revue Francaise de Photogrammetrie et de Teledetection, sa.183, ss.42-49, 2006 (Scopus)
- III. **Generation and validation of digital elevation models based on satellite images**
Buyüksalih G., Jacobsen K.
Revue Francaise de Photogrammetrie et de Teledetection, sa.184, ss.17-22, 2006 (Scopus)
- IV. **Geometric accuracy testing of Ikonos geo-product mono imagery using different sensor orientation models**
Buyüksalih G., Oruç M., Koçak G.
Turkish Journal of Engineering and Environmental Sciences, cilt.27, sa.5, ss.347-360, 2003 (Scopus)

Kitap & Kitap Bölümleri

- I. **Automated Extraction of Buildings from Aerial Lidar Point Cloud and Digital Imaging Datasets for 3D Cadastre – Preliminary Results**
Buyüksalih G.
Cadastre: Geo-Information Innovations in Land Administration, Tahsin Yomralioglu, John McLaughlin, Editör,
Springer, London/Berlin , Zug, ss.159-165, 2017

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Semantic Segmentation of Building Models with Deep Learning in CityGML**

Rashidan H., Musliman I. A., Rahman A. A., Coors V., BÜYÜKSALİH G.

19th 3D GeoInfo Conference 2024, Vigo, İspanya, 1 - 03 Temmuz 2024, cilt.48, ss.97-102

- II. **Geometric Analysis of Worldview-2 Geo-referenced Image Containing Mostly Sea**
Büyüksalih G., Gazioğlu C.
IV International Symposium on Applied Geoinformatics, Wroclaw, Polonya, 8 - 10 Mayıs 2024, ss.48
- III. **3D Land Marine Properties Administration in the Context of Sea Level Rise (SLR) - Issues & Challenges**
Abdulrahman A., Hassan M. I., Musliman I. A., Rashidan H., Mutiarasar W. M., Zamzuri A., Büyüksalih G., Gazioğlu C., Bayırhan İ.
GeoAdvances 2024 – 8th International Conference on GeoInformation Advances, İstanbul, Türkiye, 11 - 12 Ocak 2024, ss.1-6
- IV. **Potential of Planet’s SkySat Collect Images for Topographic Mapping**
Büyüksalih G., Gazioğlu C.
42nd EARSeL Symposium, Bucuresti, Romanya, 3 - 07 Temmuz 2023, ss.55-56
- V. **Geometry and Image Quality Assessment of SkySat Imagery for Building Identification**
Büyüksalih G., Gazioğlu C., Celik O. I., Jacobsen K.
10th International Conference on Recent Advances in Air and Space Technologies, RAST 2023, İstanbul, Türkiye, 7 - 09 Haziran 2023
- VI. **3D Citygml building models development with cross-scale query database**
Karim H., Abdul Rahman A., Abdul Halim N., Buyuksalih G., Rashidan H.
2021 Joint International Conference on Geospatial Asia-Europe 2021 and GeoAdvances 2021, Casablanca, Fas, 5 - 06 Ekim 2021, cilt.46, ss.161-170
- VII. **Triangular mesh approach for automatic repair of missing surfaces of lod2 building models**
Rashidan H., Abdul Rahman A., Musliman I., Buyuksalih G.
2021 Joint International Conference on Geospatial Asia-Europe 2021 and GeoAdvances 2021, Casablanca, Fas, 5 - 06 Ekim 2021, cilt.46, ss.281-286
- VIII. **3D GEOSPATIAL DATABASE SCHEMA for ISTANBUL 3D CITY MODEL**
Abdul Rahman A., Rashidan H., Musliman I., Buyuksalih G., Bayburt S., Baskaraca P.
6th International Conference on Geomatics and Geospatial Technology, GGT 2019, Kuala-Lumpur, Malezya, 1 - 03 Ekim 2019, cilt.42, ss.11-16
- IX. **RAPID 3D DIGITALIZATION OF THE CULTURAL HERITAGE: A CASE STUDY ON ISTANBUL SULEYMANIYE SOCIAL COMPLEX (KULLIYE)**
Kan T., Buyuksalih G., Ozkan G. E., Baskaraca P.
2nd International Conference of Geomatics and Restoration (GEORES), Milan, İtalya, 8 - 10 Mayıs 2019, cilt.42-2, ss.645-652
- X. **VIRTUALISING AN OTTOMAN FORTRESS - LASER SCANNING AND 3D MODELLING FOR THE DEVELOPMENT OF AN INTERACTIVE, IMMERSIVE VIRTUAL REALITY APPLICATION**
Tschirschwitz F., Buyuksalih G., Kersten T. P., Kan T., Enc G., Baskaraca P.
8th International Workshop on 3D Virtual Reconstruction and Visualization of Complex Architectures (3D-ARCH), Bergamo, İtalya, 6 - 08 Şubat 2019, cilt.42-2, ss.723-729
- XI. **Conceptual Framework Towards Unified 3D Topological Modelling and Visualization Based on CityGML**
Büyüksalih G.
FIG Congress 2018: Embracing our smart world where the continents connect: enhancing the geospatial maturity of societies, İstanbul, Türkiye, 6 - 11 Mayıs 2018, ss.1-23
- XII. **Analysis of height models based on Kompsat-3 images**
Büyüksalih G., Bayburt S., Jacobsen K.
2018 Geoinformation for Disaster Management Conference, Gi4DM 2018, İstanbul, Türkiye, 18 - 21 Mart 2018, cilt.42, ss.115-119
- XIII. **3D CITY MODELLING OF ISTANBUL BASED ON LIDAR DATA AND PANORAMIC IMAGES - ISSUES AND CHALLENGES**

Buyuksalih G., Baskaraca P., Bayburt S., Buyuksalih I., Rahman A. A.

5th International Conference on Geoinformation Science / ISPRS Conference on Multi-Dimensional and Multi-Scale Spatial Data Modeling (GeoAdvances), Casablanca, Fas, 10 - 11 Ekim 2018, cilt.42-4, ss.51-60

XIV. CALCULATING SOLAR ENERGY POTENTIAL OF BUILDINGS AND VISUALIZATION WITHIN UNITY 3D GAME ENGINE

Buyuksalih G., Bayburt S., Baskaraca A. P., Karim H., Rahman A. A.

ISPRS WG IV/1 International Conference on Geomatic and Geospatial Technology (GGT) - Geospatial and Disaster Management, Kuala-Lumpur, Malezya, 04 Ekim 2017, cilt.42-4, ss.39-44

XV. FOREST STEM VOLUME CALCULATION USING AIRBORNE LIDAR DATA

Buyuksalih I., Bayburt S., Schardt M., Buyuksalih G.

ISPRS Hannover Workshop / High-Resolution Earth Imaging for Geospatial Information (HRIGI) Workshop / City Models, Roads and Traffic (CMRT) Workshop / Image Sequence Analysis (ISA) Workshop / European Calibration and Orientation (EuroCOW) Workshop, Hannover, Almanya, 6 - 09 Haziran 2017, cilt.42-1, ss.265-270

XVI. THE IMPORTANCE OF DIGITAL METHODS IN PRESERVATION OF CULTURAL HERITAGE THE EXAMPLE OF ZIRNIKLI MANSION

Kan T., Buyuksalih G., Kaya Y., Baskaraca A. P.

1st International Conference on Geomatics and Restoration - Conservation of Cultural Heritage in the Digital Era, Florence, İtalya, 22 - 24 Mayıs 2017, cilt.42-5, ss.175-186

XVII. 3D MODELLING AND VISUALIZATION BASED ON THE UNITY GAME ENGINE - ADVANTAGES AND CHALLENGES

Buyuksalih I., Bayburt S., Buyuksalih G., Baskaraca A. P., Karim H., Rahman A. A.

4th International Workshop on Geoinformation Science / 4th ISPRS International Workshop on Multi-Dimensional and Multi-Scale Spatial Data Modeling (GeoAdvances), Safranbolu, Türkiye, 14 - 15 Ekim 2017, cilt.4-4, ss.161-166

XVIII. GEOMETRIC ACCURACY ANALYSIS OF WORLDDDEM IN RELATION TO AW3D30, SRTM AND ASTER GDEM2

Bayburt S., Kurtak A. B., Buyuksalih G., Jacobsen K.

ISPRS Hannover Workshop / High-Resolution Earth Imaging for Geospatial Information (HRIGI) Workshop / City Models, Roads and Traffic (CMRT) Workshop / Image Sequence Analysis (ISA) Workshop / European Calibration and Orientation (EuroCOW) Workshop, Hannover, Almanya, 6 - 09 Haziran 2017, cilt.42-1, ss.211-217

XIX. THE SELIMIYE MOSQUE OF EDİRNE, TURKEY - AN IMMERSIVE AND INTERACTIVE VIRTUAL REALITY EXPERIENCE USING HTC VIVE

Kersten T. P., Buyuksalih G., Tschirschwitz F., Kan T., Deggim S., Kaya Y., Baskaraca A. P.

1st International Conference on Geomatics and Restoration - Conservation of Cultural Heritage in the Digital Era, Florence, İtalya, 22 - 24 Mayıs 2017, cilt.42-5, ss.403-409

XX. SEMI-AUTOMATED APPROACH FOR MAPPING URBAN TREES FROM INTEGRATED AERIAL LIDAR POINT CLOUD AND DIGITAL IMAGERY DATASETS

Dogon-Yaro M. A., Kumar P., Rahman A. A., Buyuksalih G.

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XXI. EXTRACTION OF URBAN TREES FROM INTEGRATED AIRBORNE BASED DIGITAL IMAGE AND LIDAR POINT CLOUD DATASETS - INITIAL RESULTS

Dogon-yaro M. A., Kumar P., Rahman A. A., Buyuksalih G.

3rd International GeoAdvances Workshop / ISPRS Workshop on Multi-dimensional and Multi-Scale Spatial Data Modeling, İstanbul, Türkiye, 16 - 17 Ekim 2016, cilt.42-2, ss.81-88

XXII. 3D Lidar Mapping of Underground Metro System

Büyüksalih G.

Capture Reality Forum - 3D, Laser Scanning, Lidar Technologies, Salzburg, Avusturya, 23 - 25 Kasım 2015, ss.1-12

XXIII. Mapping with Pleiades Pan-sharpened Images

Büyüksalih G.

35th Earsel Symposium "European Remote Sensing: Progress, Challenges and Opportunities", Stockholm, İsveç, 15 - 19 Haziran 2015, ss.1-8

- XXIV. **Large Area Covering LiDAR Height Models – Problems and Solution**
Büyüksalih G.
34th EARSeL Symposium “European remote sensing – new opportunities for science and practice”, Warszawa, Polonya, 16 - 20 Haziran 2014, ss.1-7
- XXV. **DEM GENERATION WITH WORLDVIEW-2 IMAGES**
Buyuksalih G., Baz I., Alkan M., Jacobsen K.
22nd Congress of the International-Society-for-Photogrammetry-and-Remote-Sensing, Melbourne, Avustralya, 25 Ağustos - 01 Eylül 2012, cilt.39-B1, ss.203-207
- XXVI. **BENCHMARKING AND QUALITY ANALYSIS OF DEM GENERATED FROM HIGH AND VERY HIGH RESOLUTION OPTICAL STEREO SATELLITE DATA**
Reinartz P., d'Angelo P., Krauss T., Poli D., Jacobsen K., Buyuksalih G.
Canadian Geomatics Conference / Symposium of Commission I, International-Society-for-Photogrammetry-and-Remote-Sensing Convergence in Geomatics - Shaping Canada's Competitive Landscape, Calgary, Kanada, 15 - 18 Haziran 2010, cilt.38
- XXVII. **Mapping with WorldView-1 Imagery**
Jacobsen K., Buyuksalih G.
29th EARSeL Symposium, Chania, Yunanistan, 15 - 18 Haziran 2009, ss.190-200
- XXVIII. **Semi-automatic City Model Extraction from Tri-stereoscopic VHR Satellite Imagery**
Büyüksalih G.
ISPRS Workshop on quality, scale and analysis aspects of city models, Lund, İsveç, 3 - 04 Aralık 2009, ss.1-6
- XXIX. **Geometric and Mapping Potential of Worldview-1 Images**
Büyüksalih G.
ISPRS Hannover Workshop 2009 “High-Resolution Earth Imaging for Geospatial Information” in conjunction with 12th AGILE International Conference on Geographic Information Science, Hannover, Almanya, 2 - 05 Haziran 2009, ss.1-5
- XXX. **3D City Modelling for Planning Activities, Case Study: Haydarpasa Train Station, Haydarpasa Port and Surrounding Backside Zones, Istanbul**
Büyüksalih G.
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- XXXI. **Developing 3D Geospatial Database from Terrestrial Laser Scanned Data**
Büyüksalih G.
Proceedings of South East Asian Technical Universities Consortium(SEATUC) - 3rd SEATUC Symposium, Johor-Bahru, Malezya, 25 - 26 Şubat 2009, ss.389-398
- XXXII. **Investigation of the potential of multiscopic VHR satellite imagery for the production of 3D models of complex urban areas**
Tack F., Goossens R., Buyuksalih G.
28th European-Association-of-Remote-Sensing-Laboratories (EARSeL) Symposium and Workshops on Remote Sensing for a Changing Europe, İstanbul, Türkiye, 2 - 05 Haziran 2008, ss.618-624
- XXXIII. **3D Geospatial Database from Terrestrial Laser Scanning (TLS) data**
Büyüksalih G.
7th International Symposium & Exhibition on Geoinformation (ISG 2008), Kuala-Lumpur, Malezya, 13 - 15 Ekim 2008, ss.1-22
- XXXIV. **Documentation of Istanbul Historic Peninsula by Sensor Integration and Data Fusion**
Büyüksalih G.
4th EARSeL Workshop on Remote Sensing for Developing Countries/GISDECO 8, İstanbul, Türkiye, 4 - 07 Haziran 2008, ss.1-9
- XXXV. **Topographic Mapping from Space**
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4th EARSeL Workshop on Remote Sensing for Developing Countries/GISDECO 8, İstanbul, Türkiye, 4 - 07 Haziran

- 2008, ss.1-10
- XXXVI. **3D City Modelling and Visualization of Istanbul Historic Peninsula in Istanbul**
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- XXXVII. **DEM generation based on optical space images**
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- XXXVIII. **Managing 3D Geospatial Data, Case Study: Suleymaniye Region of Historic Peninsula**
Büyüksalih G.
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- XXXIX. **Digital Height Models in Mountainous Regions based on Space Information**
Büyüksalih G.
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- XL. **Mapping from space for developing countries**
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