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Makaleler (YOKSIS)

1 3D Map Experience with Virtual/Augmented Reality Applications

MEMDUHOĞLU ABDULKADİR,ŞENOL HALİL İBRAHİM,AKDAĞ SONGÜL,ULUKAVAK MUSTAFA
Harran Üniversitesi Mühendislik Dergisi,<https://doi.org/10.46578/humder.771954>

2 A GIS-based assessment of long-term traffic accidents using spatiotemporal and empirical Bayes analysis in Turkey

ERDOĞAN SAFFET, DERELİ MEHMET ALİ, ŞENOL HALİL İBRAHİM
Applied Geomatics,<http://dx.doi.org/10.1007/s12518-022-00419-1>

3 AÇIK MADEN OCAKLARINDA İNSANSIZ HAVA ARACI (İHA) KULLANIMI

YİĞİT ABDURAHMAN YASİN, KAYA YUNUS, ŞENOL HALİL İBRAHİM
Muhendislik Bilimleri ve Tasarım Dergisi,<http://dx.doi.org/10.21923/jesd.1090190>

4 Arkeolojik Kalıntıların Belgelenmesinde Yersel ve İHA Fotogrametrisinin Birlikte Kullanımı

KAYA YUNUS, POLAT NİZAR, ŞENOL HALİL İBRAHİM, MEMDUHOĞLU ABDULKADİR, ULUKAVAK MUSTAFA
Türkiye Fotogrametri Dergisi,<http://dx.doi.org/10.53030/tufod.899089>

5 Car Detection from Very High-Resolution UAV Images Using Deep Learning Algorithms

KAYA YUNUS, ŞENOL HALİL İBRAHİM, YİĞİT ABDURAHMAN YASİN, YAKAR MURAT
Photogrammetric Engineering & Remote Sensing,<http://dx.doi.org/10.14358/pers.22-00101r2>

6 Çok zamanlı miktispektral uydu verilerinin Marmara Gölü kıyı değişimi analizinde kullanılması

YİĞİT ABDURAHMAN YASİN, ŞENOL HALİL İBRAHİM, KAYA YUNUS
Geomatik,<http://dx.doi.org/10.29128/geomatik.1017376>

7 Decoding Natures Patterns: An Innovative Approach to Tree Detection Using Deep Learning and High-Resolution Aerial Imagery

ŞENOL HALİL İBRAHİM, YİĞİT ABDURAHMAN YASİN
Türkiye Cografî Bilgi Sistemleri Dergisi,<http://dx.doi.org/10.56130/tucbis.1307926>

8 Digital documentation of ancient stone carving in Şuayip City

ŞENOL HALİL İBRAHİM, POLAT NİZAR, KAYA YUNUS, MEMDUHOĞLU ABDULKADİR, ULUKAVAK MUSTAFA

Mersin Photogrammetry Journal,<http://dx.doi.org/10.53093/mephoj.899157>

9 Diyarbakır Mardin Kapı'nın Yerel Fotogrametri Yöntemiyle 3B Belgelenmesi

ŞENOL HALİL İBRAHİM, Orman Evindar

Türkiye Fotogrametri Dergisi,<http://dx.doi.org/10.53030/tufod.1099940>

10 Examination of area-based trend and drought characteristics of drought classes in the context of climate change

ŞİMŞEK OĞUZ,ŞENOL HALİL İBRAHİM,KESKİNER ALİ DEMİR

Natural Hazards,<https://link.springer.com/article/10.1007/s11069-025-07412-y>

11 Excavation Monitoring with UAV in Şanlıurfa Castle Archaeological Site

ULUKAVAK MUSTAFA, MEMDUHOĞLU ABDULKADİR, ŞENOL HALİL İBRAHİM, POLAT NİZAR

Mersin Photogrammetry Journal,<https://dergipark.org.tr/tr/pub/mephoj/issue/50329/638070>

12 Extraction and geospatial analysis of the Hersek Lagoon shoreline with Sentinel-2 satellite data

ŞENOL HALİL İBRAHİM, KAYA YUNUS, YİĞİT ABDURAHMAN YASİN, YAKAR MURAT

Survey Review,<http://dx.doi.org/10.1080/00396265.2023.2257969>

13 Gelişmiş Deniz Gözlemi: SAR Tabanlı Gemi Tespiti için CNN Algoritmalarının Kullanımı

ŞENOL HALİL İBRAHİM

Türkiye Lidar Dergisi,<http://dx.doi.org/10.51946/melid.1267997>

14 Geodesign for Urban Planning – The Example of Harran University's Campus Masterplan

ERNST FRED BARIŞ, ERDOĞAN SAFFET, YILMAZ MEHMET, ULUKAVAK MUSTAFA, ŞENOL HALİL İBRAHİM, MEMDUHOĞLU ABDULKADİR, ÇULLU MEHMET ALİ

International Journal of Environmental Trends,<https://dergipark.org.tr/download/article-file/741835>

15 GIS-Based Multi-Criteria Analysis for Urban Afforestation Planning in Semi-Arid Cities

ŞENOL HALİL İBRAHİM, YİĞİT ABDURAHMAN YASİN, ULVİ ALİ

Forests,<https://doi.org/10.3390/f16071064>

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Türkiye Fotogrametri Dergisi,<https://dergipark.org.tr/tr/pub/tufod/issue/50271/630431>

17 Harran Ören Yeri Arkeolojik Kazı Alanından Çıkarılan Bazı Küçük Arkeolojik Buluntuların Fotogrammetrik Olarak 3B Modellenmesi

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Türkiye Fotogrametri Dergisi,<https://dergipark.org.tr/tr/pub/tufod/issue/58541/835434>

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- 18** Turkey Lidar Journal,<https://doi.org/10.51946/melid.1593140>
- 19** **Integration of Building Information modeling (BIM) and Geographic Information System (GIS): a new approach for IFC to CityJSON conversion**
ŞENOL HALİL İBRAHİM,GÖKGÖZ TÜRKAY
Earth Science Informatics,<http://dx.doi.org/10.1007/s12145-024-01343-1>
- 20** **Investigation of the relationship of groundwater quality and irrigation: the case of Mardin Kızıltepe Plain (Mesopotamia) in Turkey**
YENİGÜN İBRAHİM, BİLGİLİ ALİ VOLCAN, ŞENOL HALİL İBRAHİM, Yenigün Abdullah
Environmental Monitoring and Assessment,<http://dx.doi.org/10.1007/s10661-023-11100-4>
- 21** **Investigation of the Shadow Effect of Urbanization on Green Areas with Shadow Impact Analysis**
ŞENOL HALİL İBRAHİM
Mugla Journal of Science and Technology,<http://dx.doi.org/10.22531/muglajsci.1079542>
- 22** **İHA FOTOGRAMETRİNİN ARKEOLOJİK YÜZEY ARAŞTIRMALARINA KATKILARININ İNCELENMESİ**
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Türkiye Bilimler Akademisi Arkeoloji Dergisi,<http://dx.doi.org/10.22520/tubaar.2021.28.009>
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Türkiye Fotogrametri Dergisi,<http://dx.doi.org/10.53030/tufod.935920>
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Geomatik,<http://dx.doi.org/10.29128/geomatik.859085>
- 25** **İnternet Tabanlı Veri Kullanımıyla Yerleşim Alanlarının Modellenmesi: Çiftlikköy Kampüsü Örneği**
ŞENOL HALİL İBRAHİM,KAYA YUNUS
Türkiye Fotogrametri Dergisi,<https://dergipark.org.tr/tr/pub/tufod/issue/50271/630438>
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Harran Üniversitesi Mühendislik Dergisi,<http://dergipark.gov.tr/humder/issue/42425/494089>
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YİĞİT ABDURAHMAN YASİN, KAYA YUNUS, ŞENOL HALİL İBRAHİM
Applied Geomatics,<http://dx.doi.org/10.1007/s12518-022-00431-5>
- 28** **Multi Instrumental Documentation and 3D Modeling of An Archaeological Site: A Case Study in Kızılkoyun Necropolis Area**
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Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi,<https://doi.org/10.24012/dumf.801662>
- 29** **Multi-source assessment of drought risk in Lake Eğirdir under climate change**

- 29 ŞENOL HALİL İBRAHİM,ŞİMŞEK OĞUZ,YİĞİT ABDURAHMAN YASİN,KARTAL VEYSİ**
Physics and Chemistry of the Earth, Parts A/B/C,<https://www.sciencedirect.com/journal/physics-and-chemistry-of-the-earth-parts-a-b-c>
- 30 Multiscale investigations on RDI-SPI teleconnections of Çoruh and Aras Basins, Türkiye using Time Dependent Intrinsic Correlation**
ŞİMŞEK OĞUZ,ADARSH SANKARAN,ŞENOL HALİL İBRAHİM
Physics and Chemistry of the Earth, Parts A/B/C,<http://dx.doi.org/10.1016/j.pce.2024.103787>
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Erciyes Üniversitesi Fen Bilimleri Enstitüsü Fen Bilimleri Dergisi,<https://dergipark.org.tr/tr/pub/ercyesfen/issue/91637/1580924>
- 32 Ortaokul Çocuklarının Harita Becerilerini Ölçme ve Değerlendirmeye Yönelik Bir Vaka Çalışması**
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Harran Üniversitesi Mühendislik Dergisi,<https://dergipark.org.tr/tr/pub/humder/issue/58494/770944>
- 33 SEMI-AUTOMATIC DATA ENRICHMENT FOR OPEN STREET MAP (OSM) USING DEEP LEARNING ALGORITHMS**
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Mugla Journal of Science and Technology,<https://dergipark.org.tr/tr/pub/muglajsci/issue/89193/1521654>
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Drones,<https://doi.org/10.3390/drones9070472>
- 35 Tarımda Sulama Göletlerinin İklim Üzerine Etkilerinin Uydu Görüntüleri ve Meteorolojik Verilerle Karşılaştırmalı Olarak İncelenmesi**
YİĞİT ABDURAHMAN YASİN,ŞİMŞEK OĞUZ,ŞENOL HALİL İBRAHİM
Turkish Journal of Remote Sensing,<https://dergipark.org.tr/tr/pub/tuzal/issue/88671/1551019>
- 36 The Use of UAV and Photogrammetry in Digital Documentation**
ULUKAVAK MUSTAFA,MEMDUHOĞLU ABDULKADİR,ŞENOL HALİL İBRAHİM,POLAT NİZAR
Mersin Photogrammetry Journal,<https://dergipark.org.tr/tr/pub/mephøj/issue/50329/637583>
- 37 Three-Dimensional Modeling and Drawings of Stone Column Motifs in Harran Ruins**
KAYA YUNUS, ŞENOL HALİL İBRAHİM, POLAT NİZAR
Mersin Photogrammetry Journal,<http://dx.doi.org/10.53093/mephoj.1012937>
- 38 Virtual Reality for City Planning**
ERNST FRED BARIŞ, ŞENOL HALİL İBRAHİM, AKDAĞ SONGÜL, Barutçuoğlu Öskan
Harran Üniversitesi Mühendislik Dergisi,<http://dx.doi.org/10.46578/humder.941015>

Bildiriler (YOKSIS)

- 1 3B CBS ve YBM-CBS Bütünleşmesi Konusunda Başlıca Çalışmalar ve Eğilimler**
ŞENOL HALİL İBRAHİM, GÖKGÖZ TÜRKAY

1 TMMOB Harita ve Kadastro Mühendisleri Odası, 19. Türkiye Harita Bilimsel ve Teknik Kurultayı ,
<https://drive.google.com/file/d/1tNjwvG19NLgaBleelMFlrm17K71uoDzoM/view>

2 3D Map Experience for Youth with Virtual/Augmented Reality Applications

MEMDUHOĞLU ABDULKADİR,ŞENOL HALİL İBRAHİM,AKDAĞ SONGÜL,ULUKAVAK MUSTAFA

1st International Conference on Virtual Reality ,
https://www.virtualreality2019.com/upload/full_papers.pdf

3 3D Modeling Of A Bazaar In Ancient Harran City Using Laser Scanning Technique

ŞENOL HALİL İBRAHİM,ERDOĞAN SAFFET,ÖNAL MEHMET,ULUKAVAK
MUSTAFA,MEMDUHOĞLU ABDULKADİR,MUTLU SEMİH,ERNST FRED BARIŞ,YILMAZ MEHMET

4th International Workshop on GeoInformation Science (GeoAdvances 2017), ISPRS Workshop on
Multi-dimensional Multi-scale Spatial Data Modeling , <https://www.int-arch-photogramm-remote-sens-spatial-inf-sci.net/XLII-4-W6/99/2017/>

4 A CASE STUDY ON MAP ACTIVITIES WITH CHILDREN OF KINDERGARTEN AGE

ŞENOL HALİL İBRAHİM,GÖKGÖZ TÜRKAY

7th International Conference on Cartography and GIS , <https://iccgis2018.cartography-gis.com/proceedings/>

5 A New Masterplan for Harran University Based on Geodesign

ERNST FRED BARIŞ,ERDOĞAN SAFFET,YILMAZ MEHMET,ULUKAVAK MUSTAFA,ŞENOL HALİL
İBRAHİM,MEMDUHOĞLU ABDULKADİR

4th International Workshop on GeoInformation Science (GeoAdvances 2017), ISPRS Workshop on
Multi-dimensional Multi-scale Spatial Data Modeling , <https://www.int-arch-photogramm-remote-sens-spatial-inf-sci.net/XLII-4-W6/43/2017/>

6 ADVANCEMENTS IN OIL SPILL DETECTION USING SENTINEL-1 SAR

YİĞİT ABDURAHMAN YASİN,ŞENOL HALİL İBRAHİM

12 th Global Conference on Global Warming (GCGW-2024) , <https://gcfgw2024.harran.edu.tr/GCGW-2024-Proceedings%20Book.pdf>

**7 AI-DRIVEN DETECTION AND ENERGY PRODUCTION FORECASTING OF SOLAR PANELS
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12 th Global Conference on Global Warming (GCGW-2024) , <https://gcfgw2024.harran.edu.tr/GCGW-2024-Proceedings%20Book.pdf>

**8 Arkeolojik Kazı Alanlarının İnsansız Hava Aracı Değerlendirme Uçuşu: Harran Bazilika Kilise
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ULUKAVAK MUSTAFA,MEMDUHOĞLU ABDULKADİR,ŞENOL HALİL İBRAHİM,MUTLU
SEMİH,YILMAZ MEHMET,ERDOĞAN SAFFET,ERNST FRED BARIŞ

1. Uluslararası Harran ve Çevresi Arkeoloji ve Tarih Sempozyumu ,
<http://web.harran.edu.tr/assets/uploads/sites/69/files/sempozum-ozet-kitapcigi-13122017.pdf>

**9 Building Footprint Extraction from High Resolution UAV Images Using Deep Learning
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EuroCarto2022 , <https://www.abstr-int-cartogr-assoc.net/5/144/2022/ica-abs-5-144-2022.pdf>

**10 DETERMINATION OF CHANGES IN CLIMATE PARAMETERS OF ŞANLIURFA ORGANIZED
INDUSTRIAL ZONE BY REMOTE SENSING**

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12 th Global Conference on Global Warming (GCGW-2024) , <https://gcfgw2024.harran.edu.tr/GCGW-2024-Proceedings%20Book.pdf>

- 11 **Determination of the conversion of the stone fields into potential agricultural lands using Sentinel-2 satellite**
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II. Uluslararası Şehir, Çevre ve Sağlık Kongresi ,
<http://www.sehircevresaglikkongresi.com/uploads/file/tammetin208.pdf>
- 13 **Geodesign Framework as a Collaborative Method for the Master Plan of Harran University Campus**
ERNST FRED BARIŞ, MEMDUHOĞLU ABDULKADİR, ŞENOL HALİL İBRAHİM, YILMAZ MEHMET, ULUKAVAK MUSTAFA, ÇULLU MEHMET ALİ, GÜNDÖĞAN RECEP, AKASLAN DURSUN, ERDOĞAN SAFFET
International Symposium on Urbanization and Environmental Problems:
Transition/Transformation/Authenticity ,
- 14 **Hydrological analysis for disaster management in Şanlıurfa region**
Önay Berra Nur, ŞENOL HALİL İBRAHİM
9th Advanced Engineering Days (AED) , https://aed.mersin.edu.tr/wp-content/uploads/2024/AED_9.pdf
- 15 **Investigation of the shadow effect of urbanization on green areas with shadow impact analysis**
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https://www.researchgate.net/publication/352093139_The_proceedings_of_the_2nd_Intercontinental_Geoinformation_Days
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17. Türkiye Harita Bilimsel ve Teknik Kurultayı ,
https://www.hkmo.org.tr/resimler/ekler/8b7fba3de39e70b_ek.pdf
- 17 **Lazer Tarayıcı ve İnsansız Hava Aracı Kullanılarak Kızılkoyun Mağaralarının Modellenmesi**
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1. Uluslararası Harran ve Çevresi Arkeoloji ve Tarih Sempozyumu ,
- 18 **Road extraction with high-resolution UAV images using deep learning algorithms**
ŞENOL HALİL İBRAHİM
9th Advanced Engineering Days (AED) , https://aed.mersin.edu.tr/wp-content/uploads/2024/AED_9.pdf
- 19 **THE CLIMATE CONSEQUENCES OF WATERING PONDS IN AGRICULTURE**
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12 th Global Conference on Global Warming (GCGW-2024) , <https://gcgw2024.harran.edu.tr/GCGW-2024-Proceedings%20Book.pdf>
- 20 **The Use of UAV in Archaeological Excavation: A Case Study in Şanlıurfa Historical Castle**
ULUKAVAK MUSTAFA, MEMDUHOĞLU ABDULKADİR, ŞENOL HALİL İBRAHİM, POLAT NİZAR, Çetin bekir, demir müslüm

- 20** X. TU FUAB Teknik Sempozyumu , http://tufuab2019.aksaray.edu.tr/wp-content/uploads/2019/12/tam_metin_kitap.pdf
- 21 Transferring Historical Ruins to Virtual Reality Environment Using UAV Photogrammetry A Case Study of Şanlıurfa Castle**
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https://www.virtualreality2019.com/upload/full_papers.pdf
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