

İrem Yakar

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, Turkey 2021 - Continues

Postgraduate, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, Turkey 2018 - 2021

Undergraduate, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, Turkey 2014 - 2018

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, An investigation on multi sensor data fusion techniques in historical sites monitoring, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2021

Research Areas

Geotechnical Engineering, Photogrammetry

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, 2019 - Continues

Articles Published in Other Journals

- Kültürel Mirasın Dokümantasyonu Çalışmalarında Farklı Yazılımların Karşılaştırılması: Dikilitaş (Theodosius Obeliski) Örneği**
Yakar İ., Çelik M. Ö., Hamal S. N. G., Bilgi S.
Geomatik, vol.6, no.3, pp.217-226, 2021 (Peer-Reviewed Journal)
- Yersel Lazer Tarama (YLT) Yönteminin Kültürel Mirasın Dokümantasyonunda Kullanımı: Alman Çeşmesi Örneği**
Hamal S. N. G., Çelik M. Ö., Yakar İ.
Türkiye Lidar Dergisi, vol.2, no.1, pp.15-22, 2020 (Peer-Reviewed Journal)

- III. **Sfm Tekniđi ile Oluřturulan 3B Modellerin Kltrel Mirasın Belgelenmesi alıřmalarında Kullanılması: Gzne Kalesi rneđi**
elik M. ., Yakar İ., Hamal S. N. G., Ođuz G. M., Kanun E.
Trkiye İnsansız Hava Araları Dergisi, vol.2, no.1, pp.22-27, 2020 (Peer-Reviewed Journal)
- IV. **MOBİL TELEFONLAR KULLANILARAK ELDE EDİLEN 3 BOYUTLU MODELLERİN KLTREL MİRASIN KORUNMASI KAPSAMINDA KULLANILABİLİRLİĐİ: III. AHMET EŐMESİ RNEĐİ**
YAKAR İ., BİLGİ S.
Trkiye Fotogrametri Dergisi, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Review on the Usability of Mobile Phone-based Close-Range Photogrammetry, Terrestrial Laser Scanning and UAVs in Traffic Accident Modeling**
Yakar İ., Kanun E., Ođuz G. M., Bozduman Ő., Bilgi S., Karatař K.
Intercontinental GeoInformation Days, 25 - 26 November 2020, pp.12-16
- II. **A Comparative Analysis of Speeded Up Robust Features (SURF) and Harris Algorithms in Point Cloud Generation**
Kuak R. A., Yakar İ., Bilgi S., Erol S., DerviŐođlu A.
Intercontinental Geoinformation Days, 25 - 26 November 2020, pp.5-8
- III. **Data Fusion of Unmanned Aerial Vehicle (UAV)-Based Photogrammetry and Close-Range Photogrammetry in Historical Sites Monitoring**
Yakar İ., Hamal S. N. G., ztrk İ. L., elik M. ., Bilgi S.
Intercontinental Geoinformation Days, 25 - 26 November 2020, pp.112-115
- IV. **MOBİL TELEFONLAR KULLANILARAK ELDE EDİLEN 3 BOYUTLU MODELLERİN KLTREL MİRASIN KORUNMASI KAPSAMINDA KULLANILABİLİRLİĐİ: III. AHMET EŐMESİ RNEĐİ**
YAKAR İ., BİLGİ S.
X. TUFUAB TEKNİK SEMPOZYUMU, Aksaray, Turkey, 25 April 2019, pp.82-85
- V. **LAND SURFACE TEMPERATURE MAPPING BY THE USE OF REMOTE SENSING AND GIS: CASE STUDY OF ISTANBUL METROPOLITAN AREA**
YAKAR İ., BİLGİ S.
X. TUFUAB TEKNİK SEMPOZYUMU, Turkey, 25 April 2019
- VI. **HEIGHT SYSTEM MODERNIZATION AND GEOID MODELLING STUDIES IN TURKEY**
Yakar İ.
FIG CONGRESS 2018, İstanbul, Turkey, 6 - 11 May 2018, pp.1-5

Other Publications

- I. **Usability of 3D Models Generated Using Optic Historical Images in Cultural Heritage Documentation Studies**
Yakar İ., Selbesođlu M. O., Bilgi S.
Other, pp.1-2, 2021

Supported Projects

Yakar İ., Bilgi S., Project Supported by Higher Education Institutions, Integration of 3D Models Obtained by Using Unmanned Aerial Vehicles to Geographic Information Systems: Case Study of Sultanahmet World Heritage Site, 2019 - 2022

Tasks In Event Organizations

Yakar İ., Advanced Engineering Days, Scientific Congress, Mersin, Turkey, Mart 2022

Yakar İ., International Geoinformatics Student Symposium (IGSS), Scientific Congress, Turkey, Haziran 2021

Metrics

Publication: 13