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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: KIH-2967-2024

ScopusID: 57210145135

Yoksis Researcher ID: 352681

Education Information

Doctorate, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, Turkey 2022 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, Turkey 2018 - 2022

Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, Turkey 2009 - 2017

Research Areas

Photogrammetry, Remote sensing, Image Processing, Multi-Criteria Decision Making Analysis, Laser Scanning

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Explainability in wind farm planning: A machine learning framework for automatic site selection of wind farms**
Bilgili A., Arda T., Kılıç B.
ENERGY CONVERSION AND MANAGEMENT, vol.309, pp.1-21, 2024 (SCI-Expanded)
- II. **Analyzing Coastal Vulnerability Using Analytic Hierarchy Process and Best–Worst Method: A Case Study of the Marmara Gulf Region**
Arda T., Bayrak O. C., Uzar M.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.2024, pp.0-19, 2024 (SCI-Expanded)
- III. **Investigation of the filtering methods on 3D models using terrestrial laser scanning data**
Uzar M., TUNALIOĞLU N., Arican D., Arda T.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, no.4, pp.1765-1775, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Performance analysis of YOLO versions for automatic vehicle detection from UAV images**
Uzar A. M., Öztürk Ş., Bayrak O. C., Arda T., Tunaliolu Öcalan N.
Advanced Remote Sensing, vol.1, no.1, pp.16-30, 2021 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Kıyasal Kırılmalıın Makine Öğrenmesi Yöntemleri ile İncelenmesi: Marmara Kıyıları Örneđi**
Arda T., Bilgili A., Bayrak O. C., Uzar A. M.
YTU Grad Colloquium'24, İstanbul, Turkey, 04 June 2024, pp.1
- II. **Derin Öğrenme Yöntemleri ile Uydu Görüntülerinden Orman Yangını Tespiti: Muđla Örneđi**
Bayrak O. C., Arda T., Uzar A. M.
TUFUAB 2022, Mersin, Turkey, 12 - 14 May 2022, pp.28-32
- III. **Monitoring the change of coastline with remote sensing and GIS: a case study from Izmit and Gemlik Gulfs, Turkey**
ARDA T., UZAR A. M.
3 rd Intercontinental Geoinformation Days, Mersin, Turkey, 17 November 2021
- IV. **TARİHİ YAPILARDA YERSEL LAZER TARAMA VERİLERİNE DAYALI MODELLEME ÇALIŞMALARI**
ARICAN D., ARDA T., TUNALIOĞLU N., UZAR DİNLEMEK A. M.
TUFUAB IX. Teknik Sempozyumu, Turkey, 27 - 29 April 2017

Supported Projects

Uzar A. M., Musaođlu N., Kılıç B., Bayrak O. C., Bilgili A., Arda T., TUBITAK Project, Using Generative Artificial Intelligence Models for Damage Assesment in a Possible Istanbul Earthquake and Deriving Information for Post-Disaster Activity Planning through Integration with Geographic Information Systems, 2024 - 2026
Tunaliolu Öcalan N., Erdođan B., Öcalan T., Altuntaş C., Gül C., Arda T., Arıcan D., Project Supported by Higher Education Institutions, Kültürel Miras Envanteri için Kitle Kaynaklı Sosyal Medya Veri Entegrasyonu ile 3 Boyutlu Modelleme, 2023 - 2024

Metrics

Publication: 8
Citation (WoS): 1
Citation (Scopus): 15
H-Index (WoS): 1
H-Index (Scopus): 3