

Res. Asst. Tümay ARDA

Personal Information

Office Phone: [+90 212 383 5287](tel:+902123835287) Extension: 5287

Email: tarda@yildiz.edu.tr

Other Email: tumay.arda@gmail.com

Web: <https://avesis.yildiz.edu.tr/tarda>

International Researcher IDs

ORCID: 0000-0002-4526-8727

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)

Refereed Congress / Symposium Publications in Proceedings

- 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: Muğla 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

Metrics

Publication: 8

Citation (WoS): 1

Citation (Scopus): 10

H-Index (WoS): 1

H-Index (Scopus): 2