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Education Information

Undergraduate, Yildiz Technical University, Faculty Of Education, Turkey 2021 - Continues
Associate Degree, Anadolu University, Açıköğretim Fakültesi, Sağlık Programları Bölümü, Turkey 2020 - 2023
Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Geomatics Engineering, Turkey 2020 - 2022
Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği, Turkey 2019 - 2020
Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Harita Mühendisliği, Turkey 2014 - 2019

Foreign Languages

English, B1 Intermediate

Research Areas

Land Management

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Enhancing the Life Cycle Management of Built Environment With Integrated Land Administration Functions Based on BIM/IFC and LADM**
Korkmaz Ö., Yılmaz O., Basaraner M., Alkan M.
TRANSACTIONS IN GIS, vol.29, no.1, pp.1-21, 2025 (SSCI)

II. **What European practices can offer for the sustain of Türkiye's land value capture instruments: Addressing potential implications with PEST analysis**
Yılmaz O., Alkan M.
Sustainable Futures, vol.8, pp.1-16, 2024 (SSCI)

III. **Assessing the impact of unplanned settlements on urban renewal projects with GEE**

Yılmaz O., Alkan M.
HABITAT INTERNATIONAL, vol.149, pp.0-11, 2024 (SSCI)

IV. **Applicability of spatial planning system package for the LADM Turkey country profile**
Yılmaz O., Alkan M.
TRANSACTIONS IN GIS, vol.1, no.25, pp.1-25, 2024 (SSCI)

V. **Modelling of spatial planning systems with LADM standard: the case in Turkish regulatory planning system**
YILMAZ O., GÜRSOY SÜRMENELİ H., ALKAN M.
Survey Review, vol.56, no.398, pp.448-463, 2024 (SCI-Expanded)

VI. **Spatial-Land use planning system data model proposal for edition II of LADM**
YILMAZ O., GÜRSOY SÜRMENELİ H., ALKAN M.
Geocarto International, vol.38, no.1, 2023 (SCI-Expanded)

Articles Published in Other Journals

I. **ThEvolution of Turkiye Zoning Reconciliation Arrangements as a Policy Enforcement Tool**
Yılmaz O.
Türkiye Arazi Yönetim Dergisi, vol.5, no.2, pp.100-122, 2023 (Peer-Reviewed Journal)

II. **Review of the Turkey spatial planning system for developing the land administration domain model planning package**
Yılmaz O., Alkan M.
Jeodezi ve jeoinformasyon dergisi (Online), vol.9, no.2, pp.150-165, 2022 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

I. **Investigating the potential of fire and smoke detection in video footage using YOLOv11 for early warning purposes**
Altuntaş C., Arıcan D., Yılmaz O.
XXIII. Türkiye Ulusal Jeodezi Komisyonu (TUJK) Sempozyumu 2024, Çanakkale, Turkey, 6 - 09 November 2024, pp.1-2

II. **Assessment of the accuracy of point clouds obtained with a smartphone LiDAR sensor**
Altuntaş C., Arıcan D., Yılmaz O.
Türkiye Ulusal Jeodezi Komisyonu (TUJK) XXII. Sempozyumu 2023, Trabzon, Turkey, 29 November - 01 December 2023, pp.1-2

III. **THE JOINT SPATIAL PLANNING DATA MODEL**
YILMAZ O., ALKAN M.
2022 Geoinformation Week: Broadening Geospatial Science and Technology, Virtual, Online, Malaysia, 14 - 17 November 2022, vol.48, pp.387-390

IV. **Creation of Spatial Plans Package for the Representation of Rrrs Caused by Spatial Plans Within the LADM Standard: a Case Study for Turkey**
Yilmaz O., Alkan M.
XVII FIG CONGRESS, Warszawa, Poland, 11 - 16 September 2022, no.11437, pp.1-15

Supported Projects

Bavlı B., SAĞDIÇ M., KORKMAZ Ö., ERUS S. M., TUBITAK Project, Possible Istanbul Earthquake, Improving the Sustainability of Education in Disaster Response Process, 2023 - 2026

Metrics

Publication: 12
Citation (Scopus): 13
H-Index (Scopus): 3