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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: M-1357-2017

ScopusID: 57211787172

Yoksis Researcher ID: 29454

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Gayrimenkul Geliştirme Ve Yönetimi (Dr), Turkey 2015 - 2020

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Harita Mühendisliği (Dr), Turkey 2014 - 2018

Postgraduate, University Of Calgary {Alberta}, Geomatik Mühendisliği, Canada 2010 - 2012

Undergraduate, Ankara University, Mühendislik Fakültesi, Jeofizik Mühendisliği Bölümü, Turkey 2003 - 2008

Foreign Languages

English, C2 Mastery

Dissertations

Postgraduate, Planar and linear feature-based registration of terrestrial laser scans with minimum overlap using photogrammetric data, University Of Calgary {Alberta}, Geomatik Mühendisliği, 2012

Doctorate, LiDAR verilerinden bina çatı düzlemi otomatik çıkarım modeli geliştirme, Karadeniz Technical University, Doğu Dilleri Edebiyatı Araştırma Uygulama Merkezi, Harita Mühendisliği (Dr), 1950

Research Areas

Geographic Information Systems, Photogrammetry, Remote sensing

Academic Titles / Tasks

Lecturer, Ankara University, Uygulamalı Bilimler Fakültesi, Gayrimenkul Geliştirme ve Yönetimi Bölümü, 2015 - Continues

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Harita Mühendisliği Bölümü, 2013 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An Improved RANSAC Algorithm for Extracting Roof Planes from Airborne Lidar Data**
CANAZ SEVGEN S., KARSLI F.
PHOTOGRAMMETRIC RECORD, vol.35, no.169, pp.40-57, 2020 (SCI-Expanded)
- II. **Change detection using Landsat images and an analysis of the linkages between the change and property tax values in the Istanbul Province of Turkey**
CANAZ SEVGEN S., Aliefendioğlu Y., TANRIVERMİŞ H.
Journal of Environmental Management, vol.200, pp.446-455, 2017 (SCI-Expanded)
- III. **Automatic boundary extraction of inland water bodies using LiDAR data**
Canaz S., KARSLI F., GÜNEROĞLU A., DİHKAN M.
Ocean and Coastal Management, vol.118, pp.158-166, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparison of Machine Learning Algorithms for Mass Appraisal of Real Estate Data**
Sevgen S., TANRIVERMİŞ Y.
Real Estate Management and Valuation, vol.32, no.2, pp.100-111, 2024 (ESCI)
- II. **Proliferation of Dichotomy Urban Settlements Plight: Land Governance And Sustainable Built Environment In Tanzania**
Uisso A., CANAZ SEVGEN S., TANRIVERMİŞ H.
INTERNATIONAL JOURNAL OF ENGINEERING AND GEOSCIENCES, vol.8, no.3, 2023 (ESCI)
- III. **LAND COVER MONITORING TECHNIQUES AND SPATIAL DEVELOPMENT: THE CASE OF CAPITAL OF TURKEY**
TANRIVERMİŞ Y., CANAZ SEVGEN S., TANRIVERMİŞ H.
International Journal of Geography and Geography Education, vol.27, pp.437-453, 2022 (Peer-Reviewed Journal)
- IV. **Kitlesel Değerlemede Makine Öğrenme: Rasgele Orman Regresyonu**
CANAZ SEVGEN S., TANRIVERMİŞ Y.
Bilşim Teknolojileri Dergisi, vol.13, no.3, pp.301-311, 2020 (Peer-Reviewed Journal)
- V. **AUTOMATIC GROUND EXTRACTION FOR URBAN AREAS FROM AIRBORNE LIDAR DATA**
CANAZ SEVGEN S., KARSLI F.
Turkish Journal of Engineering, vol.4, no.3, pp.113-122, 2020 (Peer-Reviewed Journal)
- VI. **AIRBORNE LIDAR DATA CLASSIFICATION IN COMPLEX URBAN AREA USING RANDOM FOREST: A CASE STUDY OF BERGAMA, TURKEY**
CANAZ SEVGEN S.
INTERNATIONAL JOURNAL OF ENGINEERING AND GEOSCIENCES, vol.4, no.1, pp.45-51, 2019 (ESCI)
- VII. **Photogrammetric features for the registration of terrestrial laser scans with minimum overlap**
CANAZ S., ayman h.
Journal of Geodesy and Geoinformation, vol.2, no.1, pp.1-8, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **LİDAR VERİSİNDEN OTOMATİK BİNA ÇATI DÜZLEMİ ÇIKARMADA RANSAC ALGORİTMASININ İYİLEŞTİRİLMESİ**
CANAZ SEVGEN S., KARSLI F.
VII. UZAL-CBS 2018, Turkey, 18 - 21 September 2018
- II. **Urban Growth, Spatial Change, Land Use, Housing and Population Relations: The Case of Ankara Province**
ALİEFENDİOĞLU Y., CANAZ SEVGEN S., HAYRULLAHOĞLU G., TANRIVERMİŞ H.
European Real Estate Society, 24rd Annual Conference, Delft, Netherlands, 28 July - 01 August 2017
- III. **Transformation Of Land To Land Lot, Value Gain, Land Speculation, And Opportunities For Sharing**

Value Increment: An Evaluation Of The Turkey Example

VAR G., ALİEFENDİOĞLU Y., CANAZ SEVGEN S., TANRIVERMİŞ H.

Annual World Bank Conference on Land and Poverty, 20 - 24 March 2017

- IV. **Transformation of Land to Land Lot, Value Gain, Land Speculation, and Opportunities for Sahring**
Value Increment: An Evaluation of the Turkey Example
HAYRULLAHOĞLU G., ALİEFENDİOĞLU Y., CANAZ SEVGEN S., TANRIVERMİŞ H.
Annual World Bank Conference on Land and Poverty, 20 - 24 March 2017
- V. **Elektrik Nakil Hattının Hava LiDAR Verilerinden Çıkarılması**
Sevgen E., CANAZ SEVGEN S.
VI. UZAL-CBS Sempozyumu, Turkey, 5 - 07 October 2016
- VI. **Change Detection Observation Using Landsat Images and Analyzing the Linkages between the Change and PropertyTax Values in Istanbul**
CANAZ SEVGEN S., ALİEFENDİOĞLU Y., TANRIVERMİŞ H.
European Real Estate Society, 23rd Annual Conference, 28 June - 01 July 2016
- VII. **Change Detection Observation Using Landsat Images And Analyzing The Linkages Between The Change And Property Tax Values İn Istandbul Province**
CANAZ SEVGEN S., TANRIVERMİŞ H., ALİEFENDİOĞLU Y.
European Real Estate Society, 23rd Annual Conference, 8 - 11 June 2016
- VIII. **Lidar Verileri Kullanılarak Göl Sınırlarının Otomatik Olarak Belirlenmesi**
CANAZ S., fevzi k., abdulaziz g., dihkan m.
TUFUAB 2015, Turkey, 21 - 23 May 2015
- IX. **Planar and linear feature based registration of terrestrial laser scans with minimum overlap using photogrammetric data**
CANAZ SEVGEN S., habib a.
8th International Symposium on Mobile Mapping Technology (MMT, 2013), 29 April 2013
- X. **DÜZLEMSEL VE DOĞRUSAL ÖZELLİKLERİ ESAS ALARAK MİNİMUM ÇAKIŞAN YERSEL TARAMALARIN FOTOGRAMETRİK VERİ KULLANILARAK BİRLEŞTİRİLMESİ**
CANAZ SEVGEN S., habib a.
TUFUAB 2013, Turkey, 31 May 2013

Metrics

Publication: 20

Citation (WoS): 69

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H-Index (Scopus): 3