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International Researcher IDs

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Education Information

Doctorate, Hacettepe University, Mühendislik Fakültesi, Geomatik Mühendisliği Bölümü, Turkey 2019 - Continues

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği A.B.D., Turkey 2015 - 2018

Undergraduate, Yıldız Technical University, Faculty Of Civil Engineering, Geomatic Engineering, Turkey 2009 - 2014

Dissertations

Postgraduate, Development of an Open-Source Web-GIS, Hacettepe University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği A.B.D., 2018

Research Areas

Geotechnical Engineering, Geographic Information Systems, Photogrammetry, Remote sensing

Academic Titles / Tasks

Lecturer, Hacettepe University, Başkent OSB Teknik Bilimler MYO, Harita ve Kadastro, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Novel Rock Mass Discontinuity Detection Approach with CNNs and Multi-View Image Augmentation**
Yalçın İ., Can R., Gokceoglu C., Kocaman S.
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, vol.13, no.6, pp.1-27, 2024 (SCI-Expanded)
- II. **Building Detection from SkySat Images with Transfer Learning: a Case Study over Ankara**
Sawa K., Yalçın İ., Kocaman S.
PFG-JOURNAL OF PHOTOGRAMMETRY, REMOTE SENSING AND GEOINFORMATION SCIENCE, vol.2024, pp.1, 2024 (SCI-Expanded)
- III. **SkySat Data Quality Assessment within the EDAP Framework**
Saunier S., Karakas G., Yalçın İ., Done F., Mannan R., Albinet C., Goryl P., Kocaman S.
Remote Sensing, vol.14, no.7, pp.1646, 2022 (SCI-Expanded)
- IV. **A CitSci Approach for Rapid Earthquake Intensity Mapping: A Case Study from Istanbul (Turkey)**

Articles Published in Other Journals

- I. **Performance Analysis of a Drone Development Kit-derived Digital Elevation Model**
Doğruluk M., Yalçın İ.
International Journal of Environment and Geoinformatics, vol.10, no.4, pp.77-89, 2023 (Peer-Reviewed Journal)
- II. **ROCK MASS DISCONTINUITY DETERMINATION WITH TRANSFER LEARNING**
Yalçın İ., Can R., Kocaman S., Gokceoglu C.
THE INTERNATIONAL ARCHIVES OF THE PHOTOGRAMMETRY, REMOTE SENSING AND SPATIAL INFORMATION SCIENCES, vol.XLVIII-M-1-2023, pp.609-614, 2023 (Peer-Reviewed Journal)
- III. **Investigations on the Radiometric and Geometric Quality of RASAT Pan Imagery**
Kocaman Gökçeoğlu S., Yalçın İ.
IPSI BGD TRANSACTIONS ON INTERNET RESEARCH, vol.13, no.2, pp.68-75, 2017 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **COMPARISON OF SURFACE MODELING PERFORMANCES OF SOFTWARE USED FOR PROCESSING AERIAL IMAGES FROM LOW ALTITUDE**
Doğruluk M., Yalçın I.
UZALCBS 2022 Sempozyumu, Ankara, Turkey, 17 - 19 November 2022, no.12833, pp.1-10
- II. **REMOTE SENSING BASED AGRICULTURE MONITORING APPROACH ON SUSTAINABLE AGRICULTURE AXIS**
Yildirim A., Yıldız Ş., Kürkçü A. Y., Işlak Y., Kalkan K., Çam Y., Yalçın I., Doğruluk M.
UZALCBS 2022 Sempozyumu, Ankara, Turkey, 17 - 19 November 2022, pp.1-6
- III. **ÇOK YÜKSEK ÇÖZÜNÜRLÜKLÜ UYDU GÖRÜNTÜLERİNDEN DERİN ÖĞRENME İLE ARAZİ ÖRTÜSÜ HARİTASI ÇIKARILMASI**
Yalçın I., Karakaş G., Can R., Kocaman S., Saunier S., Albinet C.
UZALCBS 2022 Sempozyumu, Ankara, Turkey, 17 - 19 November 2022, no.12850, pp.1-6
- IV. **ON THE AUTOMATIC SELECTION OF NATURAL TARGETS FOR IMAGE QUALITY PARAMETER ESTIMATIONS**
Yalçın İ., Saunier S., Buyukdemircioglu M., Albinet C., Kocaman Gökçeoğlu S.
The Very High-resolution Radar & Optical Data Assessment, Rome, Italy, 7 - 10 November 2022, pp.1-2
- V. **A CNN ARCHITECTURE FOR DISCONTINUITY DETERMINATION OF ROCK MASSES WITH CLOSE RANGE IMAGES**
Yalçın İ., Can R., Kocaman Gökçeoğlu S., Gökçeoğlu C.
The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences (ISPRS Archives) , Nice, France, 6 - 11 June 2022, pp.1101-1108
- VI. **INVESTIGATIONS ON THE EFFECT OF HD PROCESSING IN LAND COVER CLASSIFICATION**
Yalçın İ., Karakaş G., Kocaman Gökçeoğlu S., Saunier S., Albinet C.
The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences (ISPRS Archives), Nice, France, 6 - 11 June 2022, pp.293-300
- VII. **Radiometric quality assessment for maxar hd imagery**
YALÇIN İ., KOCAMAN GÖKÇEOĞLU S., Saunier S., Albinet C.
2021 24th ISPRS Congress Commission III: Imaging Today, Foreseeing Tomorrow, Nice, France, 5 - 09 July 2021, vol.43, pp.797-804
- VIII. **PRODUCTION of ISO-INTENSITY MAP for the ELAZIG EARTHQUAKE (JAN 24, 2020) USING CITIZEN COLLECTED GEODATA**

Yalcin İ., KOCAMAN GÖKÇEOĞLU S., GÖKÇEOĞLU C.

2020 24th ISPRS Congress - Technical Commission V (TC-V) on Education and Outreach - Youth Forum, Nice, Virtual, France, 31 August - 02 September 2020, vol.43, pp.51-56

IX. DEVELOPMENT OF AN OPEN-SOURCE WEB-GIS

Yalçın İ., Kocaman Gökçeoğlu S.

Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu , Eskişehir, Turkey, 18 - 21 September 2018, pp.570-579

X. RADIOMETRIC AND GEOMETRIC ACCURACY ANALYSIS OF RASAT PAN IMAGERY

Kocaman S., YALÇIN İ., GÜLER M.

23rd Congress of the International-Society-for-Photogrammetry-and-Remote-Sensing (ISPRS), Prague, Czech Republic, 12 - 19 July 2016, vol.41, pp.349-353

Other Publications

I. RADAR İNTERFEROMETRİSİ VE STEREO HAVA FOTOGRAMETRİSİ İLE ELAZIĞ SİVRİCE DEPREMİNİN (24 OCAK 2020, M W =6.8) İNCELENMESİ

Gökçeoğlu C., Yürür M. T., Kocaman Gökçeoğlu S., Nefeslioğlu H. A., Durmaz M., Tavus B., Karakaş G., Büyükdemircioğlu M., Atasoy K., Yörük İ., et al.
Technical Report, pp.1-50, 2020

Metrics

Publication: 18

Citation (Scopus): 17

H-Index (WoS): 2

H-Index (Scopus): 3

Congress and Symposium Activities

UZALCBS 2022 Sempozyumu, Attendee, Ankara, Turkey, 2022

The InThe International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences (ISPRS Archives), Attendee, Nice, France, 2022