

Asst. Prof. FATİH KADI

Personal Information

Office Phone: [+90 462 377 2795](tel:+904623772795)

Email: fatihkadi@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr//fatihkadi>

Address: KTÜ Harita mühendisliği Bölümü 61080

International Researcher IDs

ScholarID: oFwWrZMAAAAJ

ORCID: 0000-0002-6152-6351

Publons / Web Of Science ResearcherID: AAK-5820-2021

ScopusID: 57210956948

Yoksis Researcher ID: 29448

Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Harita Mühendisliği, Turkey 2015 - 2022

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Harita Mühendisliği, Turkey 2012 - 2014

Undergraduate, Yıldız Technical University, Mühendislik Fakültesi, Harita Mühendisliği, Turkey 2005 - 2010

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Bilimsel Araştırma ve Proje Hazırlama Eğitimi, KTÜ PROJE DESTEK BİRİMİ, 2016

Dissertations

Doctorate, HEYELANLARIN JEODEZİK DEFORMASYON ANALİZLERİYLE ARAŞTIRILMASI: TRABZON-ESİROĞLU ÖRNEĞİ, Karadeniz Technical University, Mühendislik Fakültesi, Harita Mühendisliği, 2022

Postgraduate, Arazi Yerdeğişiminin Sayısal Yükseklik Modellerinden Otomatik Türetilmesi , Karadeniz Technical University, Harita Mühendisliği , Jeodezi Ana Bilim Dalı, 2015

Research Areas

Cartography, Geotechnical Engineering, Map, Physical Map, Map Projections, Mathematics, General Topology, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Harita Mühendisliği, 2023 - Continues
Research Assistant PhD, Karadeniz Technical University, Mühendislik Fakültesi, Harita Mühendisliği, 2022 - 2023
Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Harita Mühendisliği, 2012 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Developing a new interface for Qibla direction application based on MATLAB GUI**
Yıldırım F., Kadı F., Şahin Ş. L.
SURVEY REVIEW, vol.1, no.1, pp.1-15, 2024 (SCI-Expanded)
- II. **Enhancing landslide inventory mapping through Multi-SAR image analysis: a comprehensive examination of current landslide zones**
Kadı F., Sarahoğlu E.
ACTA GEODAETICA ET GEOPHYSICA, vol.59, pp.1-20, 2024 (SCI-Expanded)
- III. **Statistical-based models for the production of landslide susceptibility maps and general risk analyses: a case study in Maçka, Turkey**
Kadı F.
Acta Geophysica, vol.1, no.1, pp.1-26, 2024 (SCI-Expanded)
- IV. **Examining landslides by different geodetic deformation models: a case study on Esiroglu-Isiklar location, Trabzon, Turkey**
Kadı F., Yildirim F.
ACTA GEODAETICA ET GEOPHYSICA, vol.58, no.3, pp.413-449, 2023 (SCI-Expanded)
- V. **Creating orthophotos with unmanned aerial vehicles and examining its accuracy and usability in geodetic applications**
Kadı A. D., Gokalp E., Kadı F.
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, vol.34, no.21, 2022 (SCI-Expanded)
- VI. **Production of optimum forest roads and comparison of these routes with current forest roads: a case study in Macka, Turkey**
YILDIRIM F., KADI F.
GEOCARTO INTERNATIONAL, vol.37, no.8, pp.2175-2197, 2022 (SCI-Expanded)
- VII. **Risk analysis of forest roads using landslide susceptibility maps and generation of the optimum forest road route: a case study in Macka, Turkey**
KADI F., YILDIRIM F., SARALIOĞLU E.
GEOCARTO INTERNATIONAL, vol.36, no.14, pp.1612-1629, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Orman içi açıklıklara ait zamansal değişimlerin uzaktan algılama teknikleri ile Google Earth Engine platformunda tespit edilmesi: Trabzon-Düzköy İlçesi örneği**
Kadı F., Yılmaz O. S.
GEOMATİK, vol.9, no.2, pp.141-155, 2024 (ESCI)
- II. **Determination of alternative forest road routes using produced landslide susceptibility maps: A case study of Tonya (Trabzon), Türkiye**
Kadı F., Yılmaz O. S.
INTERNATIONAL JOURNAL OF ENGINEERING AND GEOSCIENCES, vol.9, no.2, pp.147-164, 2024 (ESCI)
- III. **Monitoring mass movements using Network-RTK measurement technique and producing potential rockfall scenarios in a paleo-landslide area**
Kadı F., Akin A. T., Usta Z.
REPORTS ON GEODESY AND GEOINFORMATICS, vol.115, no.1, pp.9-17, 2023 (ESCI)
- IV. **INVESTIGATION OF THE STUDIES ON THE MONITORING OF LANDSLIDES WITH GEODETIC AND**

REMOTE SENSING BASED METHODS

Kadı F.

GSI Journals Serie C: Advancements in Information Sciences and Technologies, vol.6, no.1, pp.28-43, 2023 (Peer-Reviewed Journal)

- V. **Automatic extraction of the polygon obtained by the intersection of parcels with the geometric algorithms**
Ozdemir E., YILDIRIM F., KADI F.
INTERNATIONAL JOURNAL OF ENGINEERING AND GEOSCIENCES, vol.7, no.2, pp.91-100, 2022 (ESCI)
- VI. **Determining the area corrections affecting the map areas in GIS applications**
YILDIRIM F., KADI F.
REPORTS ON GEODESY AND GEOINFORMATICS, vol.112, no.1, pp.9-17, 2021 (ESCI)
- VII. **Proposed single-zone map projection system for Turkey**
YILDIRIM F., KADI F.
REPORTS ON GEODESY AND GEOINFORMATICS, vol.112, no.1, pp.35-45, 2021 (ESCI)
- VIII. **DETERMINATION OF AN APPROPRIATE PROJECTION SYSTEM FOR FOREST AREAS IN TURKEY**
Yıldırım F., Kadı F., Kurtipek A.
Geodesy and Cartography, vol.46, no.2, pp.41-47, 2020 (Scopus)
- IX. **Uzaktan Algılama Teknikleri İle Arazi Kullanım Değişiminin İncelenmesi: Köprübaşı İlçesi Örneği**
YILMAZ O. S., GÜLGEN F., GÜNGÖR R., KADI F.
Geomatik, vol.3, no.3, pp.233-241, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Paleo Heyelan Sahasındaki Kaya Bloğuna İlişkin Potansiyel Kaya Düşmesi Senaryolarının Üretilmesi ve Risklerin İrdelenmesi**
Kadı F., Karahan M., Akın A. T.
XXII. TÜRKİYE ULUSAL JEODEZİ KOMİSYONU (TUJK) SEMPOZYUMU 2023, Trabzon, Turkey, 29 November - 01 December 2023, pp.1-2
- II. **Finding most suitable route in terrain: a case study in the city of Trabzon**
KADI F., YILDIRIM F.
1st International Congress on Engineering and Technology Sciences (ICETS), Afyon, Turkey, 22 - 25 December 2017, pp.100
- III. **Determination Of Land Usage Change Of Manisa - Köprübaşı District's By Using Geographic Information Systems And Remote Sensing**
YILMAZ O. S., GÜNGÖR R., KADI F.
1st International Congress on Engineering and Technology Sciences (ICETS), Afyon, Turkey, 22 - 25 December 2017, pp.100
- IV. **Risk Analysis of Forest Roads Using Landslide Susceptibility Maps and Suitable Forest Road Route Selection: A Case Study in Maçka Forestry Operation Directorate, Trabzon**
KADI F., YILDIRIM F., USTA Z.
International Symposium on GIS Applications in Geography and Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.100
- V. **Salihli, Köprübaşı Arası Yol Güzergahı İyileştirme Çalışmaları**
YILMAZ O. S., GÜNGÖR R., KADI F.
International Demirci Symposium, Manisa, Turkey, 12 - 14 October 2017, pp.100
- VI. **Landslide risk analysis and determination of suitable routes for village roads**
YILDIRIM F., KADI F.
II. International conference on advanced engineering technologies, Bayburt, Turkey, 21 - 23 September 2017, pp.198
- VII. **Horizontal Deformation Monitoring at the Deriner Dam**

Konakođlu B., G6kalp E., 6zdemir 6., Kadı F., Yılmaz V.

ICADET International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 September 2017, pp.1457

VIII. **Landslide Risk Analysis and Determination of Suitable Routes for Village Roads**

KADI F., YILDIRIM F.

2nd International Conference on Advanced Engineering Technologies (ICADET'17), Bayburt, Turkey, 21 - 23 September 2017, pp.867-868

Supported Projects

Yıldırım F., Kadı F., Yılmaz V., Project Supported by Higher Education Institutions, İnsansız Hava Aracı Sistemleri ve GNSS Ölçüm Tekniđi Yardımıyla Heyelan Sahalarının İzlenmesi ve Olası Kütle Hareketinin Tespiti, 2022 - 2023

GÖKALP E., KONAĞOđLU B., YILMAZ V., ÖZDEMİR 6., KADI F., Project Supported by Higher Education Institutions, ARTVİN Deriner Barajının iki periyot Jeodezik Yöntemler ile Ölçülmesi, 2016 - 2017

Metrics

Publication: 24

Citation (WoS): 21

Citation (Scopus): 21

H-Index (WoS): 2

H-Index (Scopus): 2

Non Academic Experience

Other Public Institution, Orman Bölge Müdürlüğü

Orman Genel Müdürlüğü

Business Establishment Private, Polen Yapı İnşaat

KIYI YAPI