

FARUK YILDIRIM

ASSOC. PROF.

Email : yfaruk@ktu.edu.tr

Office Phone : [+90 462 377 2779](tel:+904623772779)

Office Phone : [+90 462 377 2707](tel:+904623772707)

Fax Phone : [+90 462 328 0918](tel:+904623280918)

Address : KTÜ Mühendislik Fak. Harita Müh. bölümü



Learning Knowledge

Doctorate
1999 - 2004

Karadeniz Technical University, Fen Bilimleri , Jeodezi Ve Fotogrametri, Turkey

Post Graduate
1994 - 1998

Karadeniz Technical University, Fen Bilimleri , Jeodezi Ve Fotogrametri, Turkey

Under Graduate
1991 - 1994

Karadeniz Technical University, Mühendislik-Mimarlık , Jeodezi Ve Fotogrametri, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Dilim Esasına Dayalı UTM Sistemi İçin Alternatif Çözüm Yöntemlerinin İncelenmesi , Karadeniz Technical University, Fen Bilimleri Enstitüsü, Harita Mühendisliği Bölümü, 2004

Post Graduate, Gauss-Krüger Tasvirinde Çözüm Yöntemlerinin İncelenmesi , Karadeniz Technical University, Fen Bilimleri Enstitüsü, Harita Mühendisliği Bölümü, 1998

Academic Titles / Tasks

Associate Professor
2013 - Continues

Karadeniz Technical University, Mühendislik Fakültesi, Harita Mühendisliği Bölümü

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 1. Production of optimum forest roads and comparison of these routes with current forest roads: a case study in Maçka, Turkey**
Yıldırım F., Kadı F.
Geocarto International, vol.0, no.0, pp.1-21, 2020 (Journal Indexed in SCI Expanded)
- 2. 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, 2019 (Journal Indexed in SCI)

3. **SOLVING THE MERIDIAN ARC DISTANCE PROBLEM USING COMPUTER ALGEBRA**
Yildirim F.
APPLIED AND COMPUTATIONAL MATHEMATICS, vol.12, pp.348-354, 2013 (Journal Indexed in SCI)
4. **SELECTING SUITABLE MAP PROJECTIONS IN MINIMIZING DISTANCE DISTORTIONS IN GIS-BASED APPLICATIONS: A CASE STUDY FROM TURKEY**
Yildirim F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.2916-2921, 2012 (Journal Indexed in SCI)
5. **Numerical damage assessment of Hagia Sophia bell tower by nonlinear FE modeling**
Bayraktar A., Sahin A., Ozcan D. M. , Yildirim F.
APPLIED MATHEMATICAL MODELLING, vol.34, pp.92-121, 2010 (Journal Indexed in SCI)
6. **Modal Parameter Identification of Hagia Sophia Bell-Tower via Ambient Vibration Test**
Bayraktar A., TÜRKER T., Sevim B., ALTUNIŞIK A. C. , YILDIRIM F.
JOURNAL OF NONDESTRUCTIVE EVALUATION, vol.28, pp.37-47, 2009 (Journal Indexed in SCI)
7. **Selecting Map Projections in Minimizing Area Distortions in GIS Applications**
YILDIRIM F., Kaya A.
SENSORS, vol.8, pp.7809-7817, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

1. **DETERMINATION OF AN APPROPRIATE PROJECTION SYSTEM FOR FOREST AREAS IN TURKEY**
Yıldırım F., Kadı F., Kurtipek A.
Geodesy and Cartography, vol.46, pp.41-47, 2020 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

1. **Methods for improvement of abrasive waterjet cutting performance ASINDIRICI SUJETI KESME PERFORMANSININ İYILESTIRILMESINE YÖNELİK GELİSTİRİLEN YÖNTEMLER**
KARAKURT İ., AYDIN G., YILDIRIM F., KAYA S.
26th International Mining Congress and Exhibition of Turkey, IMCET 2019, Antalya, Turkey, 16 - 19 April 2019, pp.1340-1345
2. **Current technological developments in cutting applications by abrasive waterjet ASINDIRICI SUJETI İLE KESME UYGULAMALARINDA GÜNCEL TEKNOLOJİK GELİSMELER**
KARAKURT İ., AYDIN G., YILDIRIM F., KAYA S.
26th International Mining Congress and Exhibition of Turkey, IMCET 2019, Antalya, Turkey, 16 - 19 April 2019, pp.1334-1339
3. **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
4. **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
5. **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

6. **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

7. **Datum ve Dilim Dönüşümünün Parsel Alanlarına Etkisi**

YILDIRIM F., YILDIRIM D.

14. Türkiye Harita Bilimsel ve Teknik Kurultayı Ölçme Teknolojileri ve Yazılım Fuarı, Ankara, Turkey, 14 - 17 May 2013, pp.1-8

Courses

Jeodezi II, Under Graduate, 2015 - 2016

Jeodezi I, Under Graduate, 2015 - 2016

Mühendislik Etiği, Under Graduate, 2015 - 2016

CBS Harita projeksiyon Seçimi, Post Graduate, 2015 - 2016

Matlab Mapping Toolbox, Post Graduate, 2015 - 2016

Datum, Projeksiyon ve Koordinat Dönüşümleri, Post Graduate, 2015 - 2016

Citations

Total Citations (WOS):98

h-index (WOS):3

Research Areas

Cartography, Geotechnical Engineering, Map Projections, Engineering and Technology