

Lect. Güzide Miray Perihanoğlu

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitü, Turkey 2018 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği, Turkey 2012 - 2015

Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, Turkey 2006 - 2011

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Occupational Health and Safety, C Sınıfı İş Güvenliği Uzmanlığı Belgesi, AİLE, ÇALIŞMA VE SOSYAL HİZMETLER BAKANLIĞI , 2019

Other, Temel Afet Bilinci, Van İl Afet ve Acil Durum Müdürlüğü, 2016

Other, geomatik, University of Zagreb, 2011

IT, Netcad, Bilişim Eğitim Kurumları, 2010

Dissertations

Postgraduate, Dijital Görüntü İşleme Teknikleri Kullanılarak Görüntülerden Detay Çıkarımı, Istanbul Technical University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği Anabilim Dalı, 2015

Research Areas

Geotechnical Engineering, Geographic Information Systems, Image Processing, Artificial Intelligence, Computer Learning and Pattern Recognition, Engineering and Technology

Academic Titles / Tasks

Lecturer, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik, 2016 - Continues

Academic and Administrative Experience

Assistant Manager of Research and Application Center, Van Yüzüncü Yil University, 2017 - Continues

Courses

Büyük Endüstriyel Kazalarda İş Sağlığı ve Güvenliği, Associate Degree, 2020 - 2021

Yapı İşlerinde İş sağlığı ve Güvenliği, Associate Degree, 2020 - 2021

Uzaktan Algılama İle Afet Yönetimi , Associate Degree, 2020 - 2021

Acil Durum ve Afet Yönetimi II, Associate Degree, 2020 - 2021

Acil Durum ve Afet Yönetimi I, Associate Degree, 2020 - 2021

Harita Bilgisi ve Coğrafi Bilgi Sistemleri, Associate Degree, 2020 - 2021

Afet Bilgi Sistemleri ve Haberleşme, Associate Degree, 2020 - 2021

Maden İşlerinde İş Güvenliği , Associate Degree, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Performance Evaluation of GeoAI-Based Approach for Path Loss Prediction in Cellular Communication Networks**
Perihanoglu G. M., Karaman H.
Wireless Personal Communications, vol.138, no.2, pp.1211-1246, 2024 (SCI-Expanded)

Articles Published in Other Journals

- I. **Clustering analysis of the seismicity of Van Province and its surroundings via spatial autocorrelation techniques filters**
Perihanoglu G. M., Bilginer Ö., Akyel E.
ADVANCES IN GEODESY AND GEOINFORMATION, vol.71, no.2, 2022 (Peer-Reviewed Journal)
- II. Perihanoğlu G. M., Karaman H.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.5, no.2, pp.146-153, 2020 (Peer-Reviewed Journal)
- III. **An Application On Feature Extraction By Using Edge Detection And Morphology Operators**
Perihanoğlu G. M., Özerman M. U., Şeker D. Z.
Geomatik Dergisi, vol.3, no.2, pp.120-128, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Mekansal Otokorelasyon İndislerinin Önemi**
Perihanoğlu G. M., Yeler O.
in: Fen Bilimleri ve Matematik Alanında Araştırma ve Değerlendirmeler, Prof. Dr. Rıdvan KARAPINAR, Editor, Gece Gece Kitaplığı, Ankara, pp.91-100, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **SPATIAL PREDICTION OF RECEIVED SIGNAL STRENGTH FOR CELLULAR COMMUNICATION USING SUPPORT VECTOR MACHINE AND K-NEAREST NEIGHBOURS REGRESSION**
Perihanoglu G. M., Karaman H.

8th International Conference on GeoInformation Advances, GeoAdvances 2024, İstanbul, Turkey, 11 - 12 January 2024, vol.48, pp.291-298

II. Evaluation of Resilience and Signal Path Loss of Urban Telecommunication Networks Post-Earthquake

Perihanoğlu G. M., Karaman H.

5. International Disaster and Resilience Congress, Kocaeli, Turkey, 11 - 13 October 2023, pp.191-198

III. Geographic Information Systems (GIS) and Random Forests Regression-Based Approach for Path Loss Prediction in the Campus Environment Kampüs Ortamında Yol Kaybı Tahmini için Coğrafi Bilgi Sistemleri (CBS) ve Rastgele Orman Regresyonu Tabanlı Yaklaşım

Perihanoğlu G. M., Karaman H.

31st IEEE Conference on Signal Processing and Communications Applications, SIU 2023, İstanbul, Turkey, 5 - 08 July 2023

IV. Creating and evaluating pollution distribution map in Aegean Region by using geographical information system (GIS) and air quality data

Bilginer Ö., Akyel E., Perihanoğlu G. M., Tekavcu S.

2nd Intercontinental Geoinformation Days, Mersin, Turkey, 5 - 07 May 2021, pp.194-197

V. Investigation of Assessment of Agricultural Areas by Geographic Information Systems and Remote Sensing Methods

Perihanoğlu G. M., Yeler O.

International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, vol.1, no.1, pp.49

VI. DİJİTAL GÖRÜNTÜ İŞLEME TEKNİKLERİ KULLANILARAK GÖRÜNTÜLERDEN DETAY ÇIKARIMI

Perihanoğlu G. M., Özerman U., Şeker D. Z.

6. UZAL-CBS SEMPOZYUMU, Adana, Turkey, 5 - 07 October 2016, pp.1013-1018

Metrics

Publication: 12

Citation (WoS): 1

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 2

Awards

Perihanoğlu G. M., MARUF23 Doktora Çarşısı 1.lık Ödülü, Marmara Belediyeler Birliği, October 2023