

Res. Asst. Dođuş Güler

Personal Information

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliđi, Turkey 2017 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliđi, Turkey 2015 - 2016

Undergraduate, Istanbul Technical University, İnşaat Fakültesi, Geomatik Mühendisliđi, Turkey 2009 - 2015

Research Areas

Geotechnical Engineering, Land-Land Management, Cadastre and Land Registry, Geographic Information Systems, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, İnşaat, Geomatik Mühendisliđi, 2018 - Continues

Researcher, Technische Universiteit Delft, Faculty of Architecture, Architectural Engineering and Technology, 2022 - 2022

Researcher, University of Colorado at Boulder, Geography, Geography, 2019 - 2020

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

- I. **Unveiling the actual progress of Digital Building Permit: Getting awareness through a critical state of the art review**
Noardo F., Güler D., Fauth J., Malacarne G., Mastrolembo Ventura S., Azenha M., Olsson P., Senger L.
BUILDING AND ENVIRONMENT, vol.213, 2022 (Journal Indexed in SCI)
- II. **Suitability modeling and sensitivity analysis for biomass energy facilities in Turkey**
Güler D., Charisoulis G., Buttenfield B. P. , Yomralıođlu T.
CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, vol.23, no.7, pp.2183-2199, 2021 (Journal Indexed in SCI)
- III. **Location Evaluation of Bicycle Sharing System Stations and Cycling Infrastructures with Best Worst Method Using GIS**
Güler D., Yomralıođlu T.
PROFESSIONAL GEOGRAPHER, vol.73, no.3, pp.535-552, 2021 (Journal Indexed in SSCI)
- IV. **A reformative framework for processes from building permit issuing to property ownership in Turkey**
Güler D., Yomralıođlu T.
LAND USE POLICY, vol.101, 2021 (Journal Indexed in SSCI)
- V. **Tools for BIM-GIS integration (IFC georeferencing and conversions): Results from the GeoBIM benchmark 2019**
Noardo F., Harrie L., Ohori K. A. , Biljecki F., Ellul C., Krijnen T., Eriksson H., Güler D., Hintz D., Jadidi M. A. , et al.
ISPRS International Journal of Geo-Information, vol.9, 2020 (Journal Indexed in SCI Expanded)

- VI. **Alternative suitable landfill site selection using analytic hierarchy process and geographic information systems: a case study in Istanbul**
Güler D., Yomraloğlu T.
Environmental Earth Sciences, vol.76, 2017 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Yapı Ruhsatlandırmadan Kat Mülkiyetine Giden Süreçlerin Dijitalleştirilmesi: Mevcut Durum Analizi ve Öneri**
Güler D., Yomraloğlu T.
Geomatik, vol.6, no.2, pp.93-106, 2021 (Other Refereed National Journals)
- II. **Açık Kaynak Kodlu CBS Yazılımı ve Bulanık Analitik Hiyerarşi Yöntemini İçeren Elektrikli Araç Şarj İstasyonu Yer Seçimi Önerisi**
Güler D., Yomraloğlu T.
Harita Dergisi, no.163, pp.17-28, 2020 (Refereed Journals of Other Institutions)
- III. **Suitable location selection for the electric vehicle fast charging station with AHP and fuzzy AHP methods using GIS**
Güler D., Yomraloğlu T.
ANNALS OF GIS, vol.26, no.2, pp.169-189, 2020 (Journal Indexed in ESCI)
- IV. **Development of 3D Web GIS Application with Open Source Library**
Mete M. O. , Güler D., Yomraloğlu T.
Selçuk Üniversitesi Mühendislik, Bilim ve Teknoloji Dergisi, vol.6, pp.818-824, 2018 (National Refreed University Journal)
- V. **Coğrafi Bilgi Sistemleri ve Analitik Hiyerarşi Yöntemi ile Düzenli Deponi Yer Seçimi: İstanbul İli Örneği**
Güler D., Yomraloğlu T.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.17, pp.262-269, 2017 (National Refreed University Journal)

Books & Book Chapters

- I. **Towards a 3D Real Estate Valuation Model Using BIM and GIS**
Mete M. O. , Güler D., Yomraloğlu T.
in: Innovations in Smart Cities Applications Volume 5. SCA 2021, Mohamed Ben Ahmed, Anouar Abdelhakim Boudhir, İsmail Rakıp Karas, Vipul Jain, Sehl Mellouli, Editor, Springer Nature, Berlin, pp.945-962, 2022
- II. **Bicycle Station and Lane Location Selection Using Open Source GIS Technology**
Güler D., Yomraloğlu T.
in: Open Source Geospatial Science for Urban Studies, Amin Mobasheri, Editor, Springer Nature, Berlin, pp.9-36, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **A Conceptual Model for IFC-Based Delineation of Condominium Rights in Turkey: Initial Experiments**
Güler D., Yomraloğlu T.
16th 3D GeoInfo Conference, New York, United States Of America, 11 - 14 October 2021, vol.8, pp.5-12
- II. **INTEGRATING EXPERTISES and AMBITIONS for DATA-DRIVEN DIGITAL BUILDING PERMITS - The EUNET4DBP**
Noardo F., Malacarne G., Mastrolembo Ventura S., Tagliabue L., Ciribini A., Ellul C., Güler D., Harrie L., Senger L.,

Waha A., et al.

3rd BIM/GIS Integration Workshop and 15th 3D GeoInfo Conference 2020, London, United Kingdom, 7 - 11 September 2020, vol.44, pp.103-110

- III. **Elektrikli Araç Şarj İstasyonu Yer Seçiminde Açık Kaynak Kodlu CBS Yazılım Kullanımı**
GÜLER D., YOMRALIOĞLU T.
X. Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği (TUFUAB) Teknik Sempozyumu, Aksaray, Turkey, 25 - 27 April 2019
- IV. **Gis and fuzzy ahp based area selection for electric vehicle charging stations**
Güler D., Yomralıoğlu T.
ISPRS TC IV Mid-Term Symposium on 3D Spatial Information Science - The Engine of Change, Delft, Netherlands, 1 - 05 October 2018, vol.42, pp.315-320
- V. **Development of 3D Web GIS Application with Open Source Library**
Mete M. O. , Güler D., Yomralıoğlu T.
EURASIAN GIS CONGRESS 2018, Baku, Azerbaijan, 4 - 07 September 2018, pp.35
- VI. **Comparison of Supervised Classification Methods Accuracies Using Sentinel-2 Data**
Güler D., Yomralıoğlu T.
COSPAR 2018, California, United States Of America, 14 - 22 July 2018
- VII. **Optimal Location Selection for Electric Vehicle Charging Stations Using GIS**
Güler D., Yomralıoğlu T.
7th International Conference on Cartography and GIS, Burgas, Bulgaria, 18 - 23 June 2018, pp.340-345
- VIII. **A GIS-Based Landfill Site Selection Approach Using Spatial Multi-Criteria Decision Making Methods**
Güler D., Yomralıoğlu T.
International Symposium on GIS Applications in Geography Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.599-606
- IX. **Coğrafi Bilgi Sistemleri ve Analitik Hiyerarşi Yöntemi ile Düzenli Deponi Yer Seçimi: İstanbul İli Örneği**
Güler D., Yomralıoğlu T.
IX. Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği (TUFUAB) Teknik Sempozyumu, Afyon, Turkey, 24 - 27 April 2017, pp.173-178

Supported Projects

Güler D., Yomralıoğlu T., Project Supported by Higher Education Institutions, Akıllı Kentlere Yönelik Kat Mülkiyeti Süreçlerinin Dinamik Yönetimi İçin CBS Tabanlı Entegre Bir Modelin Geliştirilmesi, 2019 - 2021

Güler D., Yomralıoğlu T., Project Supported by Higher Education Institutions, Analitik Hiyerarşi Yöntemi ve Coğrafi Bilgi Sistemleri Kullanılarak Elektrikli Araç Şarj İstasyonu Yer Seçimi: İstanbul İli Örneği, 2018 - 2019

Akyol M., TUBITAK Project, Peyzaj Değişimi ve Kentsel Büyüme İlişkinin Sleuth Modeli ve Peyzaj Metrikleri İle İncelenmesi Sarıyer, İstanbul Örneği, 2016 - 2017

Citations

Total Citations (WOS):67

h-index (WOS):4

Scholarships

2224-B - Yurt İçi Bilimsel Etkinliklere Katılımı Destekleme Programı, TUBITAK, 2021 - 2021

FIG Foundation PhD Scholarship, Other International Organizations, 2021 - 2021

Arařtırma Grevlileri iin Yurt Dıřı Arařtırma Bursları (YK-YUDAB), YOK, 2019 - 2020
2224-A - Yurt Dıřı Bilimsel Etkinliklere Katılımı Destekleme Programı, TUBITAK, 2018 - 2018

Awards

Gler D., Yomralıođlu T., 3rd Place in Most Downloaded Paper Award , Annals Of Gıs, June 2021