

Asst. Prof. AYŞE GİZ GÜLNERMAN GENGEÇ

Personal Information

Email: ayse.gulnerman@hbv.edu.tr

Web: <https://avesis.hacibayram.edu.tr/ayse.gulnerman>

International Researcher IDs

ScholarID: BWeETCMAAAAJ

ORCID: 0000-0002-9163-6068

ScopusID: 56939037700

Yoksis Researcher ID: 196646

Education Information

Doctorate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Geomatik Mühendisliği (Dr), Turkey 2014 - 2020

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği (YI) (Tezli), Turkey 2011 - 2014

Undergraduate, Middle East Technical University, Mimarlık Fakültesi, Şehir Ve Bölge Planlama Bölümü, Turkey 2004 - 2009

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Social media data valuation model for disaster incidence mapping, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Geomatik Mühendisliği (Dr), 2020

Postgraduate, Afet kriz yönetimine coğrafi bilgi teknolojilerinin katkısı ve hayat kurtaran büfe önerisi, Istanbul Technical University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği (YI) (Tezli), 2014

Research Areas

Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Ankara Hacı Bayram Veli University, Academy Of Land Registry And Cadastre, Department Of Registry Cadastre, 2022 - Continues

Research Assistant PhD, Ankara Hacı Bayram Veli University, Academy Of Land Registry And Cadastre, Department Of Registry Cadastre, 2021 - 2022

Research Assistant, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, 2014 - 2021

Research Assistant, University of Nottingham, Nottingham Geospatial Institute, 2017 - 2018

Research Assistant, Gazi University, Tapu Kadastro Yüksekokulu, Tapu Kadastro, 2013 - 2014

Academic and Administrative Experience

Deputy Head of Department, Ankara Haci Bayram Veli University, Academy Of Land Registry And Cadastre, Department Of Registry Cadastre, 2022 - Continues

Erasmus Program Institutional Coordinator, Ankara Haci Bayram Veli University, Academy Of Land Registry And Cadastre, 2022 - Continues

Courses

Urban Analytics, Postgraduate, 2023 - 2024, 2022 - 2023

Geographic Information Systems, Undergraduate, 2022 - 2023

Urban Analytics, Postgraduate, 2023 - 2024, 2022 - 2023

Gayrimenkul Mevzuatı - 2, Undergraduate, 2022 - 2023

Gayrimenkul Mevzuatı -1, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Exploring crowdsourcing accountability for mapping Antarctica: a case study using 5 years of social media data**
Gülnerman Gengeç A. G.
Turkish Journal of Earth Sciences, vol.32, no.SI-8, pp.1041-1051, 2023 (SCI-Expanded)
- II. **Spatial reliability assessment of social media mining techniques with regard to disaster domain-based filtering**
GÜLNERMAN GENGEÇ A. G., Karaman H.
ISPRS International Journal of Geo-Information, vol.9, no.4, 2020 (SCI-Expanded)
- III. **Citizens' spatial footprint on twitter-anomaly, trend and bias investigation in istanbul**
Gülnerman Gengeç A. G., Karaman H., Pekaslan D., Bilgi S.
ISPRS International Journal of Geo-Information, vol.9, no.4, 2020 (SCI-Expanded)
- IV. **Site selection of the Turkish Antarctic Research station using Analytic Hierarchy Process**
Yavaşoğlu H. H., Karaman H., Özsoy B., Bilgi S., Tutak B., Gengec A. G., Oktar O., Yirmibesoglu S.
Polar Science, vol.22, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Sosyal Medyanın Gönüllü Coğrafi Veri Olarak Kullanımı ve Sosyal Medya Verilerinden Coğrafya Sözlüğü Üretimi**
GÜLNERMAN A. G., KARAMAN H.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.20, no.2, pp.276-286, 2020 (Peer-Reviewed Journal)
- II. **COMPLEXITY MEASURES OF SPORT AMENITIES ALLOCATION IN URBAN AREA BY METRIC ENTROPY AND PUBLIC DEMAND COMPATIBILITY**
BİLGİ S., GÜLNERMAN A. G., ARSLANOĞLU B., KARAMAN H., ÖZTÜRK Ö.
International Journal of Engineering and Geosciences, no.3, pp.141-148, 2019 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **New Age of Crisis Management with Social Media**
GÜLNERMAN A. G., KARAMAN H., Basiri A.

in: Open Source Geospatial Science for Urban Studies, Mobasheri Amin, Editor, Springer Nature, pp.131-160, 2021

II. Changing Pattern of Human Movements in Istanbul During Covid-19

GÜLNERMAN GENGEÇ A. G.

in: Lecture Notes in Computer Science, Gervasi O., Murgante B., Misra S., Garau C., Blečić I., Taniar D., Apduhan B.O., Rocha A.M., Tarantino E., Torre C.M., Editor, Springer Science and Business Media Deutschland GmbH, pp.220-230, 2021

Refereed Congress / Symposium Publications in Proceedings

I. EARTHQUAKE POSTS ON SOCIAL MEDIA IN TERMS OF SPATIAL TOPIC AND USER ASPECTS

GÜLNERMAN GENGEÇ A. G., KARAMAN H.

The 6th International Conference on Earthquake Engineering and Seismology (6ICEES), Turkey, 13 - 15 October 2021, pp.1-10

II. Changing Pattern of Human Movements in Istanbul During Covid-19

GÜLNERMAN GENGEÇ A. G.

21st International Conference on Computational Science and Its Applications, ICCSA 2021, Virtual, Online, 13 - 16 September 2021, vol.12957 LNCS, pp.220-230

III. Credibility Index of the Social media Users to Detect Spatial Outliers

GÜLNERMAN A. G., KARAMAN H., BASIRI A., MARSH S.

RGS-IBG 2018, Cardiff, United Kingdom, 28 - 31 August 2018

IV. Geography of pre-referendum tweets and Twitter users

GÜLNERMAN A. G., Basiri A., KARAMAN H., Marsh S.

26th GIScience Research UK Conference, Leicester, United Kingdom, 17 - 20 April 2018, pp.1-7

V. The Dams and Monitoring Systems and Case Study: Ataturk and Karakaya Dams

KALKAN Y., BİLGİ S., GÜLNERMAN A. G.

American Geophysical Union 2017, 11 - 15 December 2017

VI. Navigation system for blind, hearing and visually impaired people in ITU Ayazaga campus

BİLGİ S., ÖZTÜRK Ö., GÜLNERMAN A. G.

2017 International Conference on Computing Networking and Informatics (ICCNI), Lagos, Nigeria, 29 - 31 October 2017

VII. Social Media spatial monitor of Coup Attempt in the Republic of Turkey

GÜLNERMAN A. G., KARAMAN H.

2017 17th International Conference on Computational Science and Its Applications (ICCSA), Trieste, Italy, 3 - 06 July 2017

VIII. PPGIS Case Studies Comparison and Future Questioning

GÜLNERMAN A. G., KARAMAN H.

2015 15th International Conference on Computational Science and Its Applications, Banff, AB, Canada, 22 - 25 June 2015, pp.104-107

IX. Antarktika'da Farklı Coğrafi Bölgelerde Jeodezik Ölçmeler, Lazer Tarama ve CBS Uygulamaları

YAVAŞOĞLU H., ALKAN M. N., ARSLAN A. E., GÜLNERMAN A. G.

TMMOB Harita ve Kadastro Mühendisleri Odası, 16. Türkiye Harita Bilimsel ve Teknik Kurultayı, Turkey, 3 - 06 May 2017

X. Analyzing Spatial Distribution of OSYM Offices in Istanbul Due to the Service Areas

ÖZTÜRK Ö., BİLGİ S., GÜLNERMAN A. G.

International Scientific Conference on Applied Sciences ISCAS 2016, Antalya, Türkiye, Antalya, Turkey, 27 - 30 September 2016

XI. REVIEW OF PUBLIC TWEETS OVER TURKEY WITHIN A PRE-DETERMINED TIME

GÜLNERMAN A. G., GENGEÇ N. E., KARAMAN H.

FIRST INTERNATIONAL CONFERENCE ON SMART DATA AND SMART CITIES, 30TH UDMS, Split, Croatia, 7 - 09 September 2016, vol.41, pp.153-159

XII. KRİZ YÖNETİMİNDE KONUMSAL TABANLI BİR İLETİŞİM MODELİ ÖNERİSİ VE MEVCUT UYGULAMALARLA KARŞILAŞTIRILMASI

GÜLNERMAN GENGEÇ A. G., TEZER A., GÖKSEL Ç.

5. UZAKTAN ALGILAMA-CBS SEMPOZYUMU (UZAL-CBS 2014), 14-17 Ekim 2014, İstanbul, İstanbul, Turkey, 14 October 2014

XIII. AFET SONRASI KRİZ YÖNETİMİNDE HAYAT KURTARAN BÜFE ÖNERİSİ

GÜLNERMAN GENGEÇ A. G., Bük O., GÖKSEL Ç.

TMMOB COĞRAFİ BİLGİ SİSTEMLERİ KONGRESİ 2013 11-13 Kasım 2013, Ankara, Ankara, Turkey, 11 October 2013

Supported Projects

Gülnerman Gengeç A. G., TUBITAK Project, Data Retrieval and Information Inferring Algorithms, and Application Based on Crowdsourced Data to Increase Data and Information in Polar Regions, 2022 - 2024

Gülnerman Gengeç A. G., Project Supported by Higher Education Institutions, Sosyal Medya Verilerinin Afet Yönetiminde Kullanımı için Mekansal Veri Madenciliği Modeli, 2017 - 2021

Gülnerman Gengeç A. G., Project Supported by Other Official Institutions, Turkish Antarctic Expedition - 1, 2017 - 2017

Metrics

Publication: 22

Citation (WoS): 5

Citation (Scopus): 42

H-Index (WoS): 2

H-Index (Scopus): 4